PB83-229658

Water Resources Data for Louisiana Water Year 1982. Volume 2. Southern Louisiana

(U.S.) Geological Survey, Baton Rouge, LA

Apr 83

U.S. Department of Commerce
National Technical Information Service
NTIS

PB83-229658

DEPARTMENT OF THE INTERIOR
March 3 1849

Water Resources Data Louisiana

Water Year 1982

Volume 2. Southern Louisiana

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT LA-82-2

Prepared in cooperation with the Louisiana
Department of Transportation and Development
and with other State and Federal agencies

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U.S. DEPARTMENT OF COMMERCE
SPRINGFIELD, VA. 22161

CALENDAR FOR WATER YEAR 1982

1981

OCTOBER

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1982

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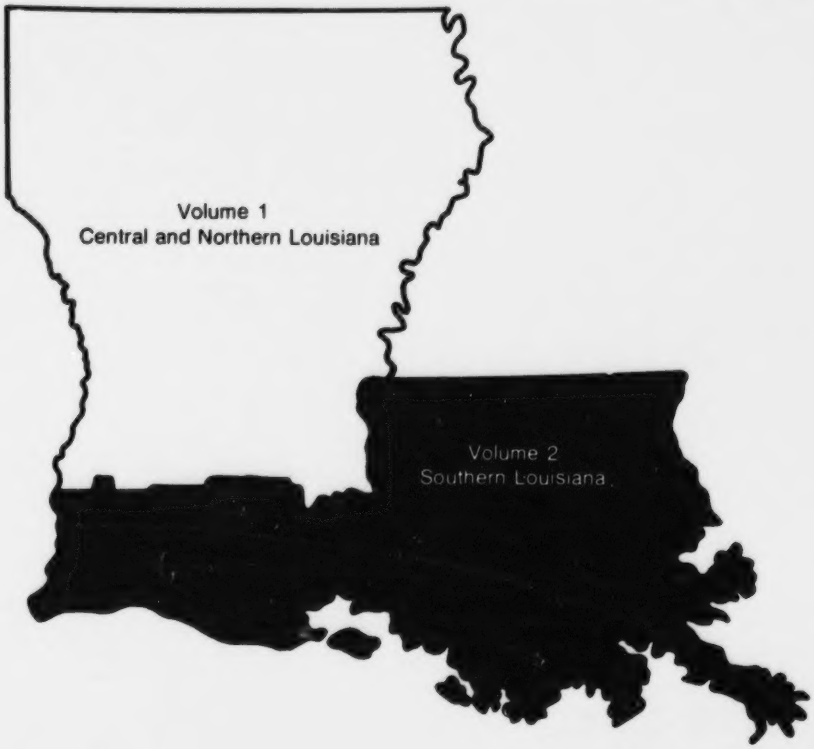
26	27	28	29	30		

Water Resources Data
Louisiana
Water Year 1982

Volume 2. Southern Louisiana

by D.D. Carlson, G.R. Stallworth, L.J. Dantin, and C.G. Stuart



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT LA-82-2

Prepared in cooperation with the Louisiana
Department of Transportation and Development
and with other State and Federal agencies

I

UNITED STATES DEPARTMENT OF THE INTERIOR

JAMES G. WATT, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

For information on the water program in Louisiana write to
District Chief, Water Resources Division
U.S. Geological Survey
P. O. Box 66492
Baton Rouge, LA 70896

1982

PREFACE

This volume of the annual hydrologic data report of Louisiana is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface- and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources. Hydrologic data for Louisiana are contained in 2 volumes.

Volume 1. Central and Northern Louisiana
Volume 2. Southern Louisiana

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. In addition to the authors, who had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines, the following individuals contributed significantly to the collection, processing, and tabulation of the data:

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Robert O. Walsworth

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This report was prepared in cooperation with the State of Louisiana and with other agencies under the general supervision of D. D. Knochenmus, District Chief, Louisiana.

50272-101

REPORT DOCUMENTATION PAGE

1. REPORT NO. USGS/WRD/HD-82/046

2.

3. Recipient's Accession No. PB83 229658

4. Title and Subtitle

Water Resources Data for Louisiana, Water Year 1982
Volume 2. Southern Louisiana.

5. Report Date April, 1983

6.

7. Author(s)

8. Performing Organization Rept. No. USGS-WRD-LA-82-2

9. Performing Organization Name and Address

U.S. Geological Survey, Water Resources Division
P. O. Box 66492
Baton Rouge, Louisiana 70896

10. Project/Task/Work Unit No.

11. Contract(C) or Grant(G) No.

(C)

(G)

12. Sponsoring Organization Name and Address

U.S. Geological Survey, Water Resources Division
P. O. Box 66492
Baton Rouge, Louisiana 70896

13. Type of Report & Period Covered 10/1/81 to 9/30/82

14.

15. Supplementary Notes

Prepared in cooperation with the State of Louisiana and with other agencies.

16. Abstract (Limit: 200 words)

Water resources data for the 1982 water year for Louisiana consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels and water quality of ground water. This report, in two volumes, contains records for water discharge at 77 gaging stations (including stage for 65 of these stations); stage only for 64 gaging stations and 9 lakes; contents for 1 reservoir; water quality for 104 surface-water stations (including 31 gaging stations), 20 miscellaneous sites, and 8 lakes, and 223 wells; and water levels for 526 observation wells. Also included are data for 209 crest-stage and flood-profile partial-record stations. Additional water data were collected at various sites not involved in the systematic data-collection program, and are published as miscellaneous measurements. Records for a few perinent stations in bordering states are also included in this report. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Louisiana.

17. Document Analysis a. Descriptors

*Louisiana, *Hydrologic data, *Surface water, *Ground water, *Water quality, Flow rate, Gaging stations, Lakes, Reservoirs, Chemical analyses, Sediments, Water temperatures, Sampling sites, Water levels, Water analyses.

b. Identifiers/Open-Ended Terms

c. COSATI Field/Group

IV

18. Availability Statement

No restriction. This report may be purchased from National Technical Information Service, Springfield, VA 22161.

19. Security Class (This Report) UNCLASSIFIED

20. Security Class (This Page) UNCLASSIFIED

21. No. of Pages 417

22. Price

(See ANSI-Z39.18)

See Instructions on Reverse

OPTIONAL FORM 272 (4-77)
(Formerly NTIS-35)
Department of Commerce

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INTRODUCTION

Water resources data for the 1982 water year for Louisiana consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels and water quality of ground water. This report, in two volumes, contains discharge records for 77 gaging stations; stage record for 65 of these gaging stations; stage only for 64 gaging stations; contents for 1 reservoir; stage only for 9 lakes; water quality for 104 stations (31 of these at gaging stations), 20 miscellaneous sites, 8 lakes, and 223 wells; and water levels for 526 observation wells. Also included are data for 96 crest-stage partial-record stations and 113 flood-profile partial-record stations. Additional water data were collected at various sites, not involved in the systematic data-collection program, and are published as miscellaneous measurements and analysis. These data stations represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Louisiana.

Records of discharge or stage of streams and contents or stage of lakes and reservoirs were first published in a series of U.S. Geological Survey water-supply papers entitled, "Surface Water Supply of the United States." Through September 30, 1960, these water-supply papers were in an annual series and then in a 5-year series for 1961-65 and 1966-70. Records of chemical quality, water temperatures, and suspended sediment were published from 1941 to 1970 in an annual series of water-supply papers entitled, "Quality of Surface Waters of the United States." Records of ground-water levels were published from 1935 to 1974 in a series of water-supply papers entitled, "Ground-Water Levels in the United States." Water-supply papers may be consulted in the libraries of the principal cities in the United States or may be purchased from Branch of Distribution, U.S. Geological Survey, 604 South Pickett Street, Alexandria, VA 22304.

For water years 1961 through 1970, streamflow data were released by the Geological Survey in annual reports on a state-boundary basis. Water-quality records for water years 1964 through 1970 were similarly released either in separate reports or in conjunction with streamflow records.

Beginning with the 1971 water year, water data for streamflow, water quality, and ground water are published in official Survey reports on a state-boundary basis. These official Survey reports carry an identification number consisting of the two-letter state abbreviation, the last two digits of the water year, and the volume number. For example, this volume is identified as "U.S. Geological Survey Water-Data Report LA-82-2." Water-data reports are for sale, in paper copy or in microfiche, by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Additional information, including current prices, for ordering specific reports may be obtained from the District Chief at the address given on page II or by telephone (504) 389-0281.

COOPERATION

The U.S. Geological Survey and organizations of the State of Louisiana have had cooperative agreements for the systematic collection of streamflow records, since 1938, for ground-water levels since 1936, and for water-quality records since 1943. Organizations that assisted in collecting data through joint-funding agreements with the Survey are:

Louisiana Department of Transportation and Development, Paul J. Hardy, Secretary: Office of Public Works, I. F. "Jiff" Hingle, Assistant Secretary, and Office of Highways, Neil L. Wagoner, Assistant Secretary.

Louisiana Department of Natural Resources, Frank A. Simoneaux, Secretary: Water Pollution Control Division, J. Dale Givens, Administrator, and Office of Conservation, James H. Welsh, Chief of Surface Mining Division.

City of Baton Rouge and Parish of East Baton Rouge, Pat Screen, Mayor-President: Department of Public Works, William Addison, Director.

Sabine River Compact Administration, composed of Lamar E. Carroon, Federal Representative and Chairman; I. F. "Jiff" Hingle and Raymond J. Palmer for Louisiana; David V. Gardner, and J. M. Syler for Texas.

Capital Area Ground Water Conservation Commission, John B. Overmeyer, Chairman.

Assistance in the form of funds or services was provided by the Corps of Engineers, U.S. Army, the U. S. Department of Energy, the U.S. Environmental Protection Agency, and the National Park Service in collection of records for 40 stage and discharge stations and 85 water-quality stations published in this report.

Organizations that supplied data are acknowledged in station descriptions.

SUMMARY OF HYDROLOGIC CONDITIONS

Surface Water

Heavy rains in northwestern Louisiana and northeastern Texas caused runoff to be excessive in the Red River basin in October 1981. From October 6 to October 13, the accumulated rainfall at Denton, Tex., was 17.1 inches. At Shreveport, La., monthly rainfall was 2.73 inches above normal. The monthly average flow for the index station, Red River at Alexandria, reflected this rainfall and was 2.5 times the October long-term-average runoff. The monthly average flow for Paw Paw Bayou near Greenwood, La., was seven times the long-term-average runoff for October. In southwestern Louisiana, the Calcasieu River near Oberlin was deficient in flow during October. The monthly average flow was 56 ft^3/s, 20-percent of the monthly long-term-average runoff, of 255 ft^3/s.

Flow in the Red, Atchafalaya, and Mississippi Rivers continued to be above normal in November. Red River at Alexandria had a monthly average flow of 62,800 ft^3/s, three times the long-term-average runoff of 17,510 ft^3/s. The instantaneous maximum for the 1982 water year for Red River at Alexandria occurred in November and was 107,000 ft^3/s. The State was deficient in rainfall at most stations. This was reflected in average runoff for the month at most index stations approaching record lows. The deficient flow experienced in November continued into December and January. Saline Bayou near Lucky had an average flow for December of 20.5 ft^3/s. This equalled the record average low flow for December that occurred in 1944. Calcasieu River near Oberlin had the third lowest average flow for the months of both December and January for 47 years of record. The December low flow was 112 ft^3/s, 5 percent of the long-term-average runoff, which is 1,390 ft^3/s. Also, Bayou Toro near Toro and Bayou Macon near Delhi experienced near long-term-average low flows during December and January. Rainfall at most reporting stations during these months was below the monthly normal by approximately 3 inches.

Some relief came in February as excessive rainfall occurred in the Florida Parishes. Rainfall at the Bogalusa station was 3.84 inches above the monthly normal. This was reflected in the above average runoff for the Amite and Pearl River index stations, which had 145 and 105 percent of their long-term-average flows, respectively.

Above average runoff in the Pearl River basin continued into March. On March 31, the station at Bogalusa had a 24-hour rainfall of 5.08 inches. At other stations in the State, streamflows decreased. Bayou Macon near Delhi had the third lowest average flow of record during March and the Calcasieu River near Oberlin had the second lowest average flow of record and the second lowest minimum daily-mean discharge of 135 ft^3/s during March. The record daily minimum for March is 120 ft^3/s and occurred in 1954.

The Mississippi River at Baton Rouge reached its 1982 annual peak on April 8, an elevation of 31.5 feet (NGVD). Rainfall in some areas of the State produced days of excessive flow at a number of index stations during April. Annual maximums for the 1982 water year occurred at a number of index sites. Calcasieu River near Oberlin had an average monthly flow of 1,720 ft^3/s that was the largest percent (95) of monthly long-term-average runoff for any month since July 1981. Bayou Toro near Toro had an average flow for April of 418 ft^3/s that was two times the long-term-average runoff. This was the fifth largest April average flow. Rainfall in the Sabine River basin at Logansport was 5.15 inches above the monthly normal and included a maximum 24-hour rainfall of 4.92 inches on April 17.

Streamflow decreased statewide during May with near record lows at some index stations. In the northern part of the state, Big Creek at Pollock had the fourth lowest average flow of record in May, 16.9 ft^3/s. The record low May mean is 9.3 ft^3/s and occurred in 1963. Saline Bayou near Lucky and Bayou Macon near Delhi had the fifth lowest average flow of record, an indication of the below normal rainfall in northern Louisiana. Ruston reported a deficit rainfall of 5.06 inches and Winnfield a deficit of 4.55 inches for the month of May.

In June, northeastern Louisiana had significantly above-normal rainfall. In particular, Winnsboro had 6.65 inches and Monroe had 4.83 inches above the normal June rainfall. Saline Bayou near Lucky in north central Louisiana had a record monthly minimum of 5.4 ft^3/s. In southern Louisiana, index sites on the Amite River and Pearl River had daily-mean discharges in the deficit range.

Bayou Macon near Delhi had the lowest minimum flow for July, 18 ft^3/s, during 47 years of record. The previous minimum flow for July was 20 ft^3/s in 1954. Bayou Toro had the second lowest July minimum flow of record, 2.3 ft^3/s; average flow for the month was only 10 percent of the long-term-average runoff. Saline Bayou near Lucky had the second lowest August average flow of record, 6.27 ft^3/s. The record average low flow for August is 4.76 ft^3/s and occurred in 1954.

According to newspaper reports, the 12-hour rainfall on September 12 at Delhi was 13 inches, and the 12-hour rainfall at Tallulah was 14 to 15 inches. These rains resulted from tropical storm "Chris", which swept through Louisiana on September 12. The heaviest rainfall was confined to the northeast corner of the State and was approximately 8 inches above the normal monthly rainfall. Bayou Macon near Delhi had a maximum instantaneous flow on September 13 of 4,050 ft^3/s, which is less than a 2-year flood. Tensas River near Tendal had an instantaneous maximum discharge of 3,600 ft^3/s from the storm on September 13, a little greater than a 5-year flood. Saline Bayou near Lucky, which is 90 miles west of Delhi, had a record minimum daily flow on September 1, 2, 9, and 10, of 3.2 ft^3/s, compared to the previous minimum of 3.6 ft^3/s which occurred in in 1954.

Saltwater from the Gulf of Mexico moves into the Mississippi River channel during periods of low flow. On October 14 and 20, 1981, the saltwater wedge was at mile 32.0 (near Port Sulphur). This was the maximum upstream position detected during the year. The toe, or leading edge, of the wedge is generally well defined when the discharge is decreasing, making it rather easy to monitor the position and rate of advancement as it moves upstream by making depth profiles of specific conductance. The boundary of the saltwater wedge in the river is defined as the depth at which the specific conductance reaches 5,000 micromhos per centimeter.

In the Mississippi River at New Orleans, dissolved-oxygen concentrations ranged from 5.0 to 13.9 mg/L, water temperatures ranged from 3.0 to 30.5°C, and pH ranged from 7.0 to 7.7 units during the water year. All measured values met the limits for water quality criteria as set forth by the State of Louisiana. The criteria are 5.0 mg/L for dissolved oxygen, 32.0°C for temperature, and 6.5 to 9.0 units for pH.

GROUND WATER

Hydrographs of many wells screened in the Sparta Sand of northern Louisiana and the Miocene aquifers of central Louisiana continued to show regional water-level declines caused by industrial and public-supply pumpage. Generally, the rates of decline ranged from 1/2 to 2 1/2 feet per year during the 1982 water year. In some wells water levels were at lows of record at the end of the year. Water levels in wells screened in the Wilcox-Carrizo and Cockfield aquifers indicated normal seasonal fluctuations. Levels in wells screened in the terrace and alluvial aquifers were affected by deficient precipitation. In wells in the alluvial aquifer, water levels were generally lower than normal during most of the year. Levels in wells screened in the terrace aquifer respond to long-term excesses or deficiencies in precipitation. At the end of the 1982 water year, the level in well G-127B, key observation well screened in the terrace aquifer, was at its lowest level since March 1973.

Water-level trends in wells in the Chicot aquifer of southwestern Louisiana were generally mixed in the rice-growing area, but levels were substantially higher in the industrial area of Calcasieu Parish. In Calcasieu Parish at the end of the water year, water levels were 5 to 23 feet higher in wells in the "500-foot" sand and averaged about 4 1/2 feet and 10 feet higher in wells in the "200-foot" and "700-foot" sands, respectively. The rising water levels reflect reduced industrial pumping caused by cutbacks in industrial production and the use of imported water from the Sabine River Diversion Canal. Irrigation pumping, in the rice-growing area in Acadia and St. Landry Parishes, caused water levels to be generally 1 to 4 feet lower than last year . In the other rice-growing parishes, water levels were generally 1 to 10 feet higher than last year. In some wells screened in the Chicot aquifer near Sweet Lake in Cameron Parish and near the mouth of the Vermilion River in Vermilion Parish, chloride concentrations increased 10 to 20 mg/L this year. These increases reflect the effects of irrigation pumpage, but do not indicate a serious saltwater-encroachment problem at this time. In the industrial area of Calcasieu Parish where water levels are rising as a result of significantly reduced pumping, chloride concentrations are declining, particularly in wells in the "500-foot" sand. Chloride concentrations in wells in the "700-foot" sand continued to increase in the southern part of the Lake Charles area.

In wells in the Evangeline aquifer in St. Landry Parish, water levels typically were 1 to 2 feet higher than they were last year at Opelousas, and averaged 1 foot lower near Eunice. During the water year, levels in the key well at Eunice reached record-monthly lows during 7 of the 12 months.

In the Baton Rouge area, water levels in wells in the shallow aquifers continued their gradual rising trend of the past few years; spring levels in wells in the "400-foot" and "600-foot" sands were 3 to 12 feet higher than 1981 spring maxima. Record high levels occurred in 9 of 12 wells screened in the "600-foot" sand in late spring and early summer. For the "1,500-foot" sand, record-low levels were recorded for 6 of 11 wells at the beginning of the water year. Due to a decrease in industrial pumping, water levels have risen in wells in the "1,200-foot", "2,000-foot", "2,400-foot", and "2,800-foot" sands. Rises of 1 to 13 feet occurred in observation wells in the "1,200-foot" sand during the water year. In wells in the "2,000-foot" sand, 1982 spring levels were as much as 24 feet higher than levels recorded on corresponding dates in 1981. Since April 1981, water levels in wells screened in the "2,400-foot" sand have risen 2 to 16 feet. During the past year, levels in wells in the "2,800-foot" sand generally have risen 1 to 3 1/2 feet.

Saltwater encroachment has been detected in several aquifers of the Baton Rouge area, but encroachment in the "600-foot" and "1,500-foot" sands has been of the greatest concern. Encroachment in the "600-foot" sand has slowed significantly in recent years, and no evidence of additional encroachment has been detected recently. In contrast, water from a monitor well (EB-807A) in the "1,500-foot" sand in south Baton Rouge shows a continuing sharp rise in chloride concentration, indicating northward movement of salty water toward several well fields used for public supply. Individual monitor wells in the "1,000-foot", "1,200-foot", "2,000-foot", and "2,800-foot" sands have shown evidence of probable saltwater encroachment, but saltwater fronts in these sands are still distant from pumping centers.

In the New Orleans area and the area between Baton Rouge and New Orleans, water levels in observation wells in the Gramercy and Norco aquifers were higher because the average stage of the Mississippi River was higher in 1982 than in 1981. Spring levels were 1 to 8 feet higher than levels recorded at the same time last year. In wells in the Gonzales-New Orleans aquifer, water levels continued the rising trend of the past several years. Due to a decrease in pumping, levels in the downtown New Orleans area were 1/2 to 2 feet higher than levels of spring 1981.

Monitoring of salt-water encroachment in the Gonzales-New Orleans aquifer in the New Orleans area indicates a slow northward migration of salty water toward pumping centers in northern and eastern Orleans Parish. Samples from well Or-130, near the southern end of the Industrial Canal, showed an increase in chloride concentration from 300 to 330 mg/L from 1974 to 1981.

In the Florida Parishes, water levels in wells screened in the shallow sands (Upper and Lower Ponchatoula and Big Branch aquifers) have shown little net change during the past year. In the intermediate sands (Abita, Covington, Kentwood, Slidell, and Tchefuncta aquifers), levels have declined 1 to 5 feet since the spring and summer of 1981. The long-term declining trend of levels in wells in the deep sands (Amite, Hammond, Ramsay, and Franklinton aquifers) has continued this year, with levels declining as much as 7 feet since mid-1981. Lows of record occurred in 5 of 17 wells in the deep sands during the 1982 water year.

DEFINITION OF TERMS

Terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. See also the table for converting inch-pound units to International System of metric units (SI) on the inside of the back cover.

Acre-foot (AC-FT, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Aquifer is a geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Artesian means confined and is used to describe a well in which the water level stands above the top of the aquifer tapped by the well. A flowing artesian well is one in which the water level is above the land surface.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often grouped into colonies. Some bacteria cause disease, others perform an essential role in nature in the recycling of materials. NOTE: The letter "K" preceding a value indicates the results are based on colony count outside the ideal range.

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria that ferment lactose with gas formation within 48 hours at 35°C. In the laboratory these bacteria are defined as all the organisms that produce colonies within 24 hours when incubated at 35°C ± 0.5°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal coliform bacteria are bacteria that are present in the intestines or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory they are defined as all the organisms that produce blue colonies within 24 hours when incubated at 44.5°C ± 0.2°C on MFC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal streptococcal bacteria are bacteria found in the intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria which are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms which produce red or pink colonies with 48 hours at 35°C ± 1.0°C on M-enterrococcus medium (STORET CODE 31679), or on KF agar (STORET CODE 31673). Their concentrations are expressed as number of colonies per 100 mL of sample.

Bed material is the unconsolidated material of which a streambed, lake, pond, reservoir, or estuary bottom is composed.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per liter, necessary for the decomposition of organic matter by micro-organisms, such as bacteria.

Biomass is the amount of living matter present at any given time, expressed as the mass per unit area or volume of habitat.

Ash mass is the mass or amount of residue present after the residue from the dry-mass determination has been ashed in a muffle furnace at a temperature of 500°C for 1 hour. The ash mass values of zooplankton and phytoplankton are expressed in g/m^3 (grams per cubic meter), and periphyton and benthic organisms in g/m^2 (grams per square meter).

Dry mass refers to the mass of residue present after drying in an oven at 60°C for zooplankton and 105°C for periphyton, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample. Dry-mass values are expressed in the same units as for ash mass.

Organic mass or volatile mass of the living substance is the difference between the dry and ash mass, and represents the actual mass of the living matter. The organic mass is expressed in the same units as for ash mass and dry mass.

Wet mass is the mass of living matter plus contained water.

Bottom material: See Bed material.

Recoverable from bottom material refers to the amount of a given constituent that is in solution after a representative sample of bottom material has been digested by a method (usually using an acid or mixture of acids) that results in dissolution of only readily soluble substances. Complete dissolution of all bottom material is not achieved by the digestion treatment and thus the determination represents less than the total amount (that is, less than 95 percent) of the constituent in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Total in bottom material is the total amount of a given constituent in a representative sample of bottom material. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total in bottom material."

Cells/volume refers to the number of cells on any organism that is counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample, usually milliliters (mL) or liters (L).

Cfs-day is the volume of water represented by flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, approximately 1.9835 acre-feet, about 646,000 gallons or 2,447 cubic meters.

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water, and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with natural water color or with carbonaceous organic pollution from sewage or industrial wastes.

Chlorophyll refers to the green pigments of plants. Chlorophyll a and b are the two most common pigments in plants.

Color unit is produced by one milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of salt water.

Cubic feet per second (FT^3/S, ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

Cubic feet per second per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Discharge is the volume of water (or more broadly, volume of fluid plus suspended sediment), that passes a given point within a given period of time.

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period.

Instantaneous discharge is the discharge at a particular instant of time.

Dissolved refers to that material in a representative water sample which passes through a 0.45-micrometer membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Diversity index is a numerical expression of evenness of distribution of aquatic organisms. The formula for diversity index is:

$$\bar{d} = -\sum_{i=1}^{s} \frac{n_i}{n} \log_2 \frac{n_i}{n}$$

Where n_i is the number of individuals per taxon, n is the total number of individuals, and s is the total number of taxa in the sample of the community. Diversity-index values range from zero, when all the organisms in the sample are the same, to some positive number, when some or all of the organisms in the sample are different.

Drainage area of a stream at a specific location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the river above the specified point. Figures of drainage area given herein include all closed basins, or noncontribution area, within the area unless otherwise noted.

Drainage basin is a part of the surface of the earth that is occupied by a drainage system, which consists of a surface stream or a body of impounded surface water.

Elutriate is the supernatant resulting from the vigorous 30-minute shaking of 1 part bottom sediment with 4 parts water from the proposed disposal site followed by 1 hour of letting the mixture settle and appropriate filtration or centrifugation.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate ($CaCO_3$).

Hydrologic unit is a geographic area representing part or all of a surface-drainage basin or distinct hydrologic feature as delineated by the Office of Water Data Coordination on the State Hydrologic Unit Maps; each hydrologic unit is identified by an 8-digit number.

Land-surface datum (LSD) is a datum plane that is approximately at land surface at each well.

Methylene blue active substance (MBAS) is a measure of apparent detergents. This determination depends on the formation of a blue color when methylene blue dye reacts with synthetic detergent compounds.

Micrograms per gram (Mg/g) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (gram) of sediment.

Micrograms per kilogram (Mg/kg) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (kilogram) of sediment.

Micrograms per liter (Mg/L) is a unit expressing the concentration of chemical constituents in solution. Micrograms per liter represent the mass of solute per unit volume (liter) of water.

Milligrams per liter (MG/L, mg/L) is a unit expressing the concentration of chemical constituents in solution. Milligrams per liter represent the mass of solute per unit volume (liter) of water. Concentration of suspended sediment also is expressed in mg/L, and is based on the mass of sediment per liter of water-sediment mixture.

National Geodetic Vertical Datum of 1929 (NGVD) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level" in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

Organism is any living entity, such as an insect, phytoplankter, or zooplankter.

Organism count/volume refers to the number of organisms collected and enumerated in a sample and adjusted to the number per sample volume, usually milliliters (mL) or liters (L). Numbers of planktonic organisms can be expressed in these terms.

Total organism count is the total number of organisms collected and enumerated in any particular sample.

Partial-record station is a particular site where limited streamflow and/or water-quality data are collected systematically over a period of years for use in hydrologic analyses.

Particle-size is the diameter, in millimeters (mm), of suspended sediment or bed material determined by either sieve or sedimentation methods. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube) determine fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

Particle-size classification used in this report agrees with recommendations made by the American Geophysical Union Subcommittee on Sediment Terminology.

The classification is as follows:

Classification	Size (mm)	Method of analysis
Clay..........	0.00024 - 0.004	Sedimentation.
Silt..........	.004 - .062	Sedimentation.
Sand..........	.062 - 2.0	Sedimentation or sieve.
Gravel........	2.0 - 64.0	Sieve.

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. Most of the organic material is removed and the sample is subjected to mechanical and chemical dispersion before analysis in distilled water. Chemical dispersion is not used for native-water analysis.

Percent composition is a unit expressing the ratio of a particular part of a sample or population to the total sample or population, in terms of types, numbers, mass or volume.

Pesticides are chemical compounds used to control the growth of undesirable plants and animals. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides.

Insecticides are substances or a mixture of substances intended to prevent, destroy, or repel insects. The technical names for insecticides determined in this report are:

Aldrin 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-endo, exo-1,4:5,8-dimethanonaphthalene.
Chlordane 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan.
DDD (combination of ortho and para isomers)
o,p'-DDD 1,1-dichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)-ethane,
p,p'-DDD 1,1-dichloro-2,2-bis(p-chlorophenyl)ethane.
DDE (combination of ortho and para isomers)
o,p'-DDE 1,1-dichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)-ethylene,
p,p'-DDE 1,1-dichloro-2-bis(p-chlorophenyl)ethylene.
DDT (combination of ortho and para isomers)
o,p'-DDT 1,1,1-trichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)-ethane,
p,p'-DDT 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane.
Diazinon 0,0-diethyl 0-2-isopropyl-4-methyl-6-pyrimidyl thiophosphate.
Dieldrin 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-endo,exo-1,4:5,8-dimethanonaphthalene.
Endosulfan 1,4,5,6,7,7-hexachloro-5-norbornene-2,3-dimethanol cyclic sulfite.
Endrin 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-endo,endo-1,4:5,8-dimethanonaphthalene.
Ethion 0,0,0',0'-tetraethyl S,S'methylenediphosphorodithioate.
Heptachlor 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene.
Heptachlor epoxide 1,4,5,6,7,8,8-heptachloro-2,3-epoxy-3a,4,7,7a-tetrahydro-4,7-methanoindan.
Lindane 1,2,3,4,5,6-hexachlorocyclohexane, 99 percent or more of gamma-isomer.
Malathion S-(1,2-dicarbethoxyetnyl) 0,0-dimethyldithiophosphate.
Methyl parathion 0,0-dimethyl 0-p-nitrophenyl phosphorothioate.
Methyl trithion phosphorodithioic acid S-[[(4-chlorophenyl) thio]-methyl] 0,0-dimethyl ester.
Methoxychlor 1,1,1-trichloro-2,2-bis(p-methoxyphenyl)ethane.
Mirex 1,1a,2,2,3,3a,4,5,5,5a,5b,6-dodecachlorooctahydro-1,3,4-metheno-1H-cyclobuta[cd]pentalene.
Parathion 0,0-diethyl 0-p-nitrophenyl phosphorothioate.
Perthane 1,1'-(2,2-dichloroethylidene)bis[4-ethylbenzene].
Toxaphene chlorinated camphene containing 67-69 percent chlorine by weight.
Trithion phosphorodithioic acid S-[[(4-chlorophenyl)thio] methyl] 0,0-diethyl ester.

Herbicides are substances or a mixture of substances intended to control or destroy any vegetation. The technical names for herbicides determined in this report are:

2,4-D (2,4-dichlorophenoxy)acetic acid.
2,4,5-T (2,4,5-trichlorophenoxy)acetic acid.
Silvex 2-(2,4,5-trichlorophenoxy)propionic acid.

Picocurie (PC, pCi) is one trillionth (1×10^{-12}) of the amount of radioactivity represented by a curie (Ci). A curie is the amount of radioactivity that yields 3.7×10^{10} radioactive disintegrations per second. A picocurie yields 2.2 dpm (disintegrations per minute).

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers.

Phytoplankton is the plant part of the plankton. They are usually microscopic and their movement is subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are the primary food producers in the aquatic environment, and are commonly known as algae.

Blue-green algae are a group of phytoplankton organisms having a blue pigment, in addition to the green pigment called chlorophyll. Blue-green algae often cause nuisance conditions in water.

Diatoms are the unicellular or colonial algae having a siliceous shell. Their concentrations are expressed as number of cells/mL of sample.

Green algae have chlorophyll pigments similar in color to those of higher green plants. Some forms produce algal mats or floating "moss" in lakes. Their concentrations are expressed as number of cells/mL of sample.

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column, and are often large enough to be seen with the unaided eye. Zooplankton are secondary consumers feeding upon bacteria, phytoplankton, and detritus. Because they are the grazers in the aquatic environment, the zooplankton are a vital part of the aquatic food web. The zooplankton community is dominated by small crustaceans and rotifers.

Polychlorinated biphenyls (PCBs) are industrial chemicals that are mixtures of chlorinated biphenyl compounds having various percentages of chlorine. They are similar in structure to organochlorine insecticides.

Polychlorinated napthalenes (PCNs) are industrial chemicals that are mixtures of chlorinated napthalene compounds having various percentages of chlorine.

Runoff in inches (IN., in.) shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from water; it includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurence of sediment in streams are influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

Suspended sediment is the sediment that at any given time is maintained in suspension by the upward components of turbulent currents or that exists in suspension as colloid.

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 ft above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L).

Suspended-sediment discharge (tons/day) is the rate at which dry weight of sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight or volume, that passes a section in a given time. It is computed by multiplying discharge times mean concentration times 0.0027.

Suspended-sediment load is the quantity of suspended sediment passing a section in a specified period.

Total sediment discharge (tons/day) is the sum of the suspended-sediment discharge and the bed-load discharge. It is the total quantity of sediment, as measured by dry weight or volume, that passes a section during a given time.

Mean concentration is the time-weighted concentration of suspended sediment passing a stream section during a 24-hour period.

Solute is any substance derived from the atmosphere, vegetation, soil, or rocks that is dissolved in water.

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in micromhos per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in micromhos). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

Stage-discharge relation is the relation between gage height (stage) and volume of water per unit of time, flowing in a channel.

Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is more general than "runoff" as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Substrate is the physical surface upon which an organism lived.

Natural substrates refers to any naturally occurring emersed or submersed solid surface, such as a rock or tree, upon which an organism lived.

Artificial substrate is a device which is purposely placed in a stream or lake for colonization of organisms. The artificial substrate simplified the community structure by standardizing the substrate from which each sample is taken. Examples of artificial substrates are basket samplers (made of wire cages filled with clean streamside rocks) and multi-plate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection.

Surface area of a lake is that area outlined on the latest U.S.G.S. topographic map as the boundary of the lake and measured by a planimeter in acres. In localities not covered by topographic maps, the areas are computed from the best maps available at the time planimetered. All areas shown are those for the stage when the planimetered map was made.

Surficial bed material is that part (0.1 to 0.2 ft) of the bed material that is sampled using U.S.G.S. Series Bed-Material Samplers.

Suspended (as used in tables of chemical analyses) refers to the amount (concentration) of the total concentration in a water-sediment mixture. The water-sediment mixture is associated with (or sorbed on) that material retained on a 0.45-micrometer membrane filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45-micrometer membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less that 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Determinations of "suspended, recoverable" constituents are made either by analyzing portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total recoverable concentrations of the constituent.

Suspended, total is the total amount of a given constituent in the part of a representative water-suspended sediment sample that is retained on a 0.45-micrometer membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total."

Determinations of "suspended, total" constituents are made either by analyzing portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total concentrations of the constituent.

Time-weighted average is computed by multiplying the number of days in the sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the total number of days. A time-weighted average represents the composition of water that would be contained in a vessel or reservoir that had received equal quantities of water from the stream each day for the year.

Tons per acre-foot indicates the dry mass of dissolved solids in 1 acre-foot of water. It is computed by multiplying the concentration in milligrams per liter by 0.00136.

Tons per day is the quantity of substance in solution or suspension that passes a stream section during a 24-hour period.

Total refers to the total amount of a given constituent in a representative water-suspended sediment sample, regardless of the constituent's physical or chemical form. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent present in both the dissolved and suspended phases of the sample. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total." (Note that the word "total" does double duty here, indicating both that the sample consists of a water-suspended sedimemt mixture and that the analytical method determines all of the constituent in the sample.)

Total load (tons) is the total quantity of any individual constituent, as measured by dry mass or volume, that is dissolved in a specific amount of water (discharge) during a given time. It is computed by multiplying the total discharge, times the mean concentration of the constituent, times the factor 0.0027, times the number of days.

Total recoverable is the amount of a given constituent that is in solution after a representative water-suspended sediment sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all particulate matter is not achieved by the digestion treatment, and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion precedures are likely to produce different analytical results.

Taxonomy is the division of biology concerned with the classification and naming of organisms. The classification of organisms is based upon a hierarchical scheme beginning with Kingdom and ending with Species at the base. The higher the classification level, the fewer features the organisms have in common. For example, the taxonomy of a particular mayfly, Hexagenia limbata is the following:

Kingdom	Animal
Phylum	Arthropoda
Class	Insecta
Order	Ephemeroptera
Family	Ephemeridae
Genus	Hexagenia
Species	Hexagenia limbata

Weighted average is used in this report to indicate discharge-weighted average. It is computed by multiplying the discharge for a sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the sum of the discharges. A discharge-weighted average approximates the composition of water that would be found in a reservoir containing all the water passing a given location during the water year after thorough mixing in the reservoir.

WRD is used as an abbreviation for "Water-Resources Data" in the REVISED RECORDS paragraph to State annual basic-data reports published before 1975; since 1975, abbreviated as WDR (Water-Data Report).

WSP is used as an abbreviation for "Water-Supply Paper" in references to previously published reports.

DOWNSTREAM ORDER AND STATION NUMBER

Since October 1, 1950, the order of listing hydrologic-station records in Survey reports is in a downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary that enters between two main-stream stations is listed between them. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is situated with respect to the stream to which it is immediately tributary is indicated by an indention in a list of stations in the front of the report. Each indention represents one rank. This downstream order and system of indention show which stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 8 to 14-digit number for each station such as 02489500000000, which appears just to the left of the station name, includes the 2-digit part number "02" plus the 6 to 12-digit downstream order number "489500000000". Records in this report, in two volumes, are in Part 2 (South Atlantic Slope and Eastern Gulf of Mexico basin), Part 7 (Lower Mississippi River basin) and Part 8 (Western Gulf of Mexico basin).

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The 8 to 14-digit downstream order station numbers are not assigned to wells and miscellaneous sites where only random water-quality samples or discharge measurements are taken.

The well and miscellaneous site numbering system of the U.S. Geological Survey is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, the next 7 digits denote degrees, minutes, and seconds of longitude, and the last 2 digits (assigned sequentially) identify the wells or other sites within a 1-second grid. See figure 1, following. In Louisiana, wells are further identified by a local well number that consists of a letter code that identifies the parish (county) in which the well is located, followed by a serial number assigned when the well was inventoried.

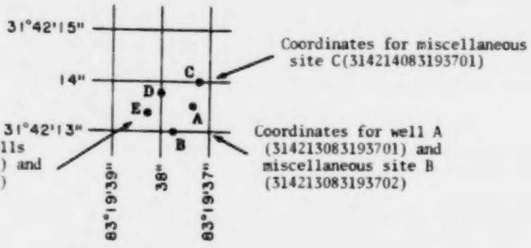
31°42'15"
14"
31°42'13"
83°19'39"
38"
83°19'37"
A
B
C
D
E
Coordinates for miscellaneous site C(314214083193701)
Coordinates for well A (314213083193701) and miscellaneous site B (314213083193702)
Coordinates for wells D(314213083193801) and E(314213083193802)

Figure 1. System for numbering wells and miscellaneous sites (latitude and longitude)

SPECIAL NETWORKS AND PROGRAMS

Hydrologic bench-mark station is one that provides hydrologic data for a basin in which the hydrologic regimen will likely be governed solely by natural conditions. Data collected at a bench-mark station may be used to separate effects of natural from manmade changes in other basins which have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped bench-mark basin.

National stream-quality accounting network (NASQAN) is a data-collection network designated by the U.S. Geological Survey to meet many of the demands of agencies or groups involved in national or regional water-quality planning and management. Both accounting and broad-scale monitoring objectives have been incorporated into the network design. Areal configuration of the network is based on river-basin accounting units (identified by 8-digit hydrologic-unit numbers) designated by the Office of Water Data Coordination in consultation with the Water Resources Council. Primary objectives of the network are (1) to depict areal variability of streamflow and water-quality conditions nationwide on a year-by-year basis and (2) to detect and assess long-term changes in streamflow and stream quality.

Pesticide program is a network of regularly sampled water-quality stations where samples are collected to determine the concentration and distribution of pesticides in streams where potential contamination could result from the application of commonly used insecticides and herbicides. Operation of the network is a Federal interagency activity.

Radiochemical program is a network of regularly sampled water-quality stations where samples are collected to be analyzed for radioisotopes. The streams that are sampled represent major drainage basins in the conterminous United States.

Tritium network is a network of stations which has been established to provide baseline information on the occurrence of tritium in the Nation's surface waters. In addition to the surface-water stations in the network, tritium data are also obtained at a number of precipitation stations. The purpose of the precipitation stations is to provide an estimate sufficient for hydrologic studies of the tritium input to the United States.

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and Computation of Data

The base data collected at gaging stations consist of records of stage and measurements of discharge for streams or canals; and stage, surface area, and contents for lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from either direct readings on a nonrecording gage or from a water-stage recorder that gives either a continuous graph or a tape punched at selected time intervals of the stage fluctuations . Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey. These methods are described in standard text-books, in Water-Supply Paper 888, and in the U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

For stream-gaging stations, rating tables giving the discharge for any stage are prepared from stage-discharge relation curves. If extensions to the rating curves are necessary to express discharge greater than measured, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, computation of flow over dams or weirs), step-backwater techniques, velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharge are computed from the daily figures. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is computed by the shifting-control method, in which correction factors based on individual discharge measurements and notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by what is basically the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by the backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

For a reservoir station, capacity tables giving the contents for any stage are prepared from stage-area relation curves defined by surveys. The application of the stage to the capacity table gives the contents, from which the daily, monthly, or yearly change in contents is computed.

If the stage-capacity curve is subject to changes because of deposition of sediment in the reservoir, periodic resurveys of the reservoir are necessary to define new stage-capacity curves. During the period between reservoir surveys, the computed contents may be increasingly in error due to the gradual accumulation of sediment.

For some gaging stations, there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute daily mean discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, or for various other reasons. For such periods, the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather records, and comparison with records for other stations in the same or nearby basins. Likewise daily contents may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

The data in this report generally comprise a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals a table showing the daily mean discharge and monthly and yearly discharge is given. For gaging stations on lakes and reservoirs a monthly summary table of stage and contents or a table showing the daily contents is given. Tables of daily mean gage heights are included for some streamflow stations. Records are published for the water year, which begins on October 1 and ends on September 30.

The description of the gaging station gives the location, drainage area, period of record, notations of revisions of previously published records, type and history of gages, general remarks, average discharge, and extremes of discharge or contents. The location of the gaging station and the drainage area are obtained from the most accurate maps available. River milage, given under "LOCATION" for some stations, is that determined and used by the Corps of Engineers or other agencies. Periods for which there are published records for the present station or for stations generally equivalent to the present one are given under "PERIOD OF RECORD."

Previously published streamflow records of some stations have been found to be in error on the basis of data or information later obtained. Revisions of such records are usually published along with the current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "REVISED RECORDS" has been added to the description of all stations for which revised records have been published. Listed therein are all the reports in which revisions have been published, each followed by the water years for which the figures are revised in that report. In listing the water years only one number is given; for instance, 1965 stands for the water year October 1, 1964, to September 30, 1965. If no daily, monthly, or annual figures of discharge are affected by the revisions, the fact is brought out by notations after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the revised figure was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting from a revision of the drainage area only are usually not published in the annual series of report.

The type of gage currently in use, the datum of the present gage referred to National Geodetic Vertical Datum, and a condensed history of the types, locations, and datums of previous gages used during the period of record are given under "GAGE". National Geodetic Vertical Datum is explained in "DEFINITION OF TERMS."

Information pertaining to the accuracy of the discharge records and to conditions which affect the natural flow at the gaging station is given under "REMARKS." For reservoir stations information on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir is given under "REMARKS."

The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE"; it is not given for stations having fewer than five complete years of record or for stations where changes in water development during the period of record cause the figure to have little significance. Under "EXTREMES" are given first, the extremes for the period of record, second, information available outside the period of record, and last, those for the current year. Unless otherwise qualified, the maximum discharge (or contents) is the instantaneous maximum corresponding to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur on the same day as the maximum discharge (or contents), it is given separately. Similarly, the minimum is the instantaneous minimum unless otherwise qualified. For some stations peak discharges are listed with "EXTREMES FOR THE CURRENT YEAR"; if they are, all independent peaks, including the maximum for the year, above the selected base with the time of occurrence and corresponding gage heights are published in tabular format. The base discharge, which is given in the table heading, is selected so that an average of about three peaks a year will be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subject to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030, 1:30 p.m. is 1330. The minimums for these stations are published in a separate paragraph following the table of peaks.

The daily table for stream-gaging stations gives the mean discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily mean discharges, respectively, for the month. Discharge for the month also may by expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN"), or in acre-feet (line headed "AC-FT"). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion, if the drainage area includes large noncontributing areas, or if the average annual rainfall over the drainage basin is usually less than 20 inches. In the yearly summary below the monthly summary, the figures shown are the discharges for the calendar and water years.

Footnotes to the table of daily mean discharge are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods because of no gage-height record, backwater from various sources, or other unusual conditions. Periods of no gage-height record are indicated if the period is continuous for a month or more or includes the maximum discharge for the year. Periods of backwater from an unusual source, of indefinite stage-relation, or of any other unusual condition at the gage site are indicated only if they are a month or more in length and the accuracy of the records is affected. Days on which the stage-discharge relation is affected by ice are not indicated. The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs.

For most gaging stations on lakes and reservoirs the data presented comprise a description of the station and a monthly summary table of stage and contents. For some reservoirs, a table showing daily contents or stage is given. A skeleton table of capacity at given stages is published for all reservoirs for which records are published on a daily basis, but is not published for reservoirs for which only monthly data are given.

Data collected at partial-record stations follow the information for continuous-record sites. Data for partial-record discharge stations are presented in three tables. The first is a table of annual maximum stage and discharge at crest-stage stations, the second is a table of discharge measurements at miscellaneous sites, and the third is a table of peak elevations at flood-profile partial-record stations.

Accuracy of Field Data and Computed Results

The accuracy of streamflow data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretations of records.

The station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily mean discharges are within 5 percent; "good", within 10 percent; and "fair" within 15 percent. "Poor" means that daily mean discharges have less than "fair" accuracy.

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 cfs; to tenths between 1.0 and 10 cfs; to whole numbers between 10 and 1,000 cfs; and to 3 significant figures above 1,000 cfs. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures listed for partial-record stations.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effect of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors. For such stations, figures of cubic feet per second per square mile and of runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Other Data Available

Information of a more detailed nature than that published for most of the gaging stations such as observations of water temperatures, discharge measurements, gage-height records, and rating tables is on file in the district office. Also, most gaging-station records are available in computer-usable form and many statistical analyses have been made.

Information on the availability of unpublished data or statistical analyses may he obtained from the district office.

Records of Discharge Collected by Agencies other than the Geological Survey

Records of discharge not published by the Geological Survey were collected during the water year at sites in Louisiana by the Corps of Engineers, U.S. Army. The National Water Data Exchange, Water Resources Division, U.S. Geological Survey, National Center, Reston, VA 22092, maintains an index of such sites. Information on records available at specific sites can be obtained upon request.

EXPLANATION OF WATER-QUALITY RECORDS

Collection and Examination of Data

Surface-water samples for analyses usually are collected at or near gaging stations. The quality-of-water records are given immediately following the discharge records at these stations.

The descriptive heading for water-quality records gives periods of record for the various types of water-quality data (chemical, specific conductance, water temperatures, sediment discharge), extremes of pertinent data, and general remarks.

For ground-water records, no descriptive statements are given; however, the well number, depth of well, date of sampling, and geologic unit (aquifer) are given in the table containing the chemical analyses of the ground water.

Water Analysis

Most methods for collecting and analyzing water samples are described in the "U.S. Geological Survey Techniques of Water-Resources Investigations" listed on a following page.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of alkalinity in the laboratory.

For chemical-quality stations equipped with digital recorders and monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly punches beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the district office.

Water Temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once daily, the water temperatures are taken at about the same time each day. Large streams have a small diurnal temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharge.

At stations where recording instruments are used, either mean temperatures or maximum and minimim temperatures for each day are published.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers or point samplers. Samples usually are obtained along several vertical lines in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross sections.

During periods of rapidly changing flow or rapidly changing concentration, samples may have been collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration were computed by the subdivided-day method (time-discharge weighted average). Therefore, for those days when the published sediment discharge value differs from the value computed as the product of discharge times mean concentration times 0.0027, the reader can assume that the sediment discharge for that day was computed by the subdivided day method. For periods when no samples were collected, daily loads of suspended sediment were estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge.

At other stations, suspended-sediment samples were collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of the quantities of suspended sediment, records of the periodic measurements for the particle-size distribution of the suspended sediment and bed material are included.

EXPLANATION OF GROUND-WATER-LEVEL RECORDS

Collection of the Data

Ground-water-level data from the State network of observation wells are published herein. This basic network contains observation wells so located that significant areal data are obtained from the most important aquifers.

Each well is identified by (1) a 15-digit number that is based on latitude and longitude and (2) a local well number that identifies the well within an individual parish (county). See figure 1.

Measurements are made in many types of wells, under varying conditions of access, depth to water, temperature; hence, neither the method of measurement nor the equipment can be standardized. At each observation well, however, the equipment and techniques used are those that will ensure that measurements at each well are consistent.

Water-level measurements in this report are given in feet with reference to land-surface datum (LSD). Land-surface datum is a datum plane that is approximately at land surface at each well. If known, the altitude of the land-surface datum above National Geodetic Vertical Datum of 1929 (NGVD) is given in the well description. Altitudes with zeros in the tenths and hundredths columns are interpolated from topographic maps and are generally accurate only to about 1-5 feet. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equiped with recording gages are reported for every fifth day, the end of each month, and for dates when check measurements were made.

Water levels are reported to as many signifigant figures as can be justified by the local conditions. For example, in a measurement of a depth to water of several hundred feet, the error in determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water the accuracy is greater. Accordingly, most measurements are reported to a hundredth of a foot, but some are given only to a tenth of a foot or to the nearest foot. In the computer format used in this report, zeros shown in the hundredths column generally indicate measurements accurate only to tenths.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

Thirty-four manuals by the U.S. Geological Survey have been published to date in the series on techniques describing procedures for planning and executing specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, Section A of Book 3 (Applications of Hydraulics) is on surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises. The reports listed below are for sale by the U.S. Geological Survey, Branch of Distribution, 1200 South Eads Street, Arlington, VA 22202 (authorized agent of the Superintendent of Documents, Government Printing Office).

NOTE: When ordering any of these publications, please give the title, book number, chapter number, and "U.S. Geological Survey Techniques of Water-Resources Investigations".

1-D1. *Water temperature--influential factors, field measurement, and data presentation*, by H. H. Stevens, Jr., J. F. Ficke, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.
1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.
2-D1. *Application of surface geophysics to ground-water investigations*, by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.
2-E1. *Application of borehole geophysics to water-resources investigations*, by W. S. Keys and L. M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.
3-A1. *General field and office procedures for indirect discharge measurements*, by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.
3-A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.
3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.
3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 pages.
3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages.
3-A6. *General procedure for gaging streams*, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.
3-A7. *Stage measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.
3-A8. *Discharge measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages.
3-A11. *Measurement of discharge by moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.
3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.
3-B2. *Introduction to ground-water hydraulics, a programed text for self-instruction*, by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.
3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.
3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.
3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.
4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.
4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.
4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.
4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.
4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.
4-D1. *Computation of rate and volume of stream depletion by wells*, by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.
5-A1. *Methods for determination of inorganic substances in water and fluvial sediments*, by M. W. Skougstad and others, editors: USGS--TWRI Book 5, Chapter A1. 1979. 626 pages.
5-A2. *Determination of minor elements in water by emission spectroscopy*, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages.
5-A3. *Methods for analysis of organic substances in water*, by D. F. Goerlitz and Eugene Brown: USGS--TWRI Book 5, Chapter A3. 1972. 40 pages.
5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples*, edited by P. E. Greeson, T. A. Ehlke, G. A. Irwin, B. W. Lium, and K. V. Slack: USGS--TWRI Book 5, Chapter A4. 1977. 332 pages.
5-A5. *Methods for determination of radioactive substances in water and fluvial sediments*, by L. L. Thatcher, V. J. Janzer, and K. W. Edwards: USGS--TWRI Book 5, Chapter A5. 1977. 95 pages.
5-C1. *Laboratory theory and methods for sediment analysis*, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.
7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments*, by P. C. Trescott, G. F. Pinder, and S. P. Larson: USGS--TWRI Book 7, Chapter C1. 1976. 116 pages.
7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.
8-A1. *Methods of measuring water levels in deep wells*, by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages.
8-B2. *Calibration and maintenance of vertical-axis type current meters*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

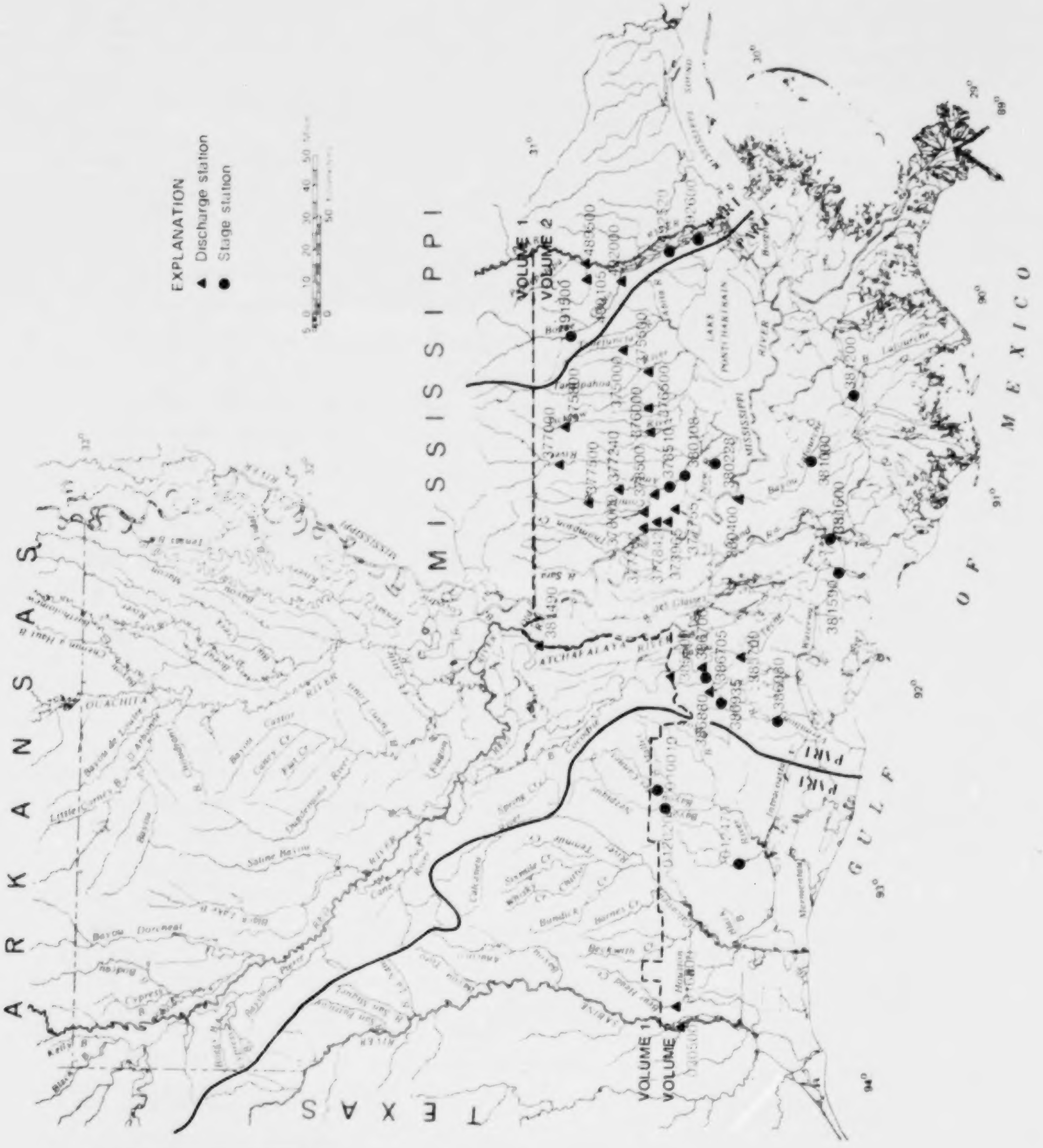

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Figure 2.--Location of continuous gaging stations.

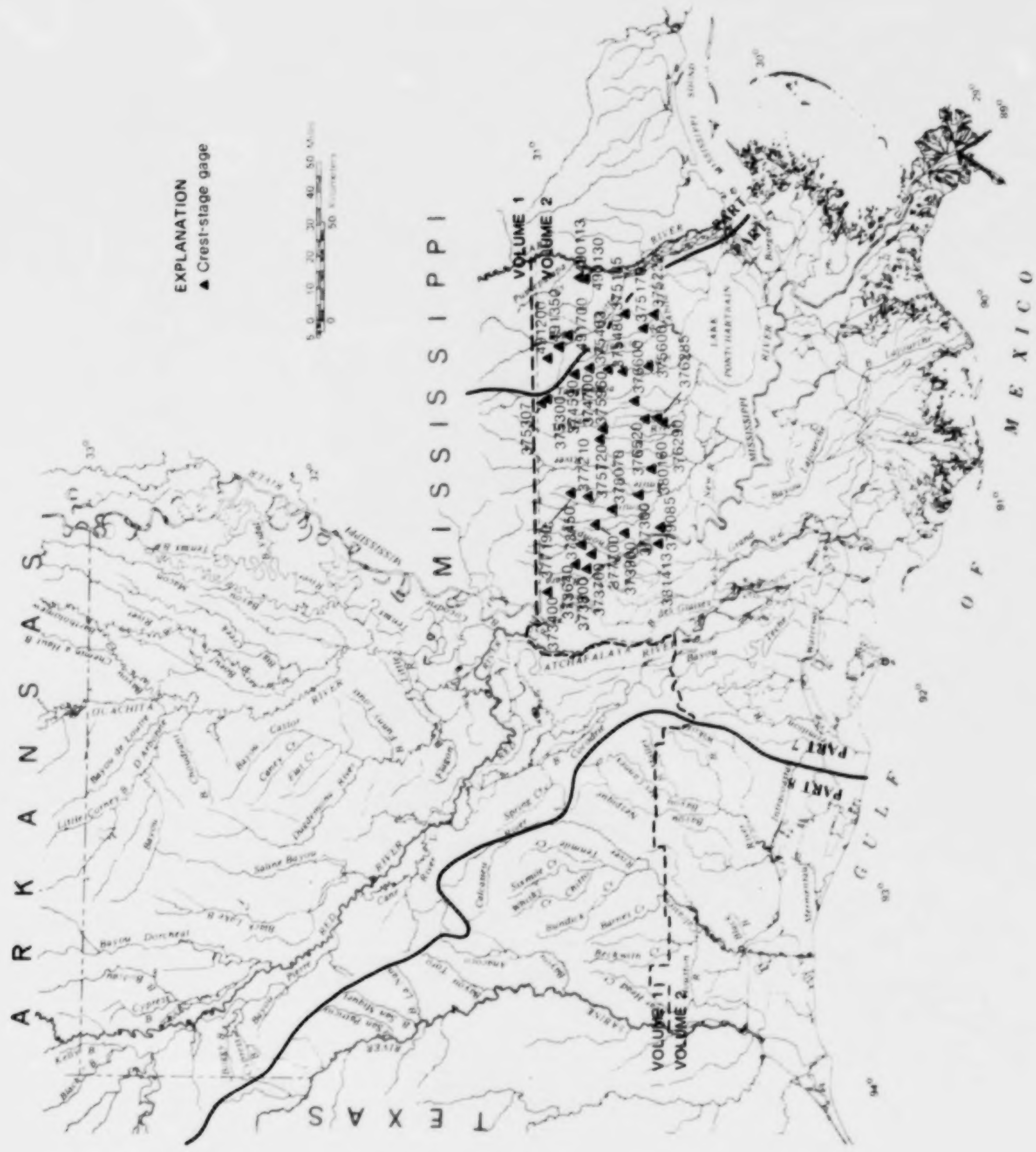


Figure 3.--Location of crest-stage stations.

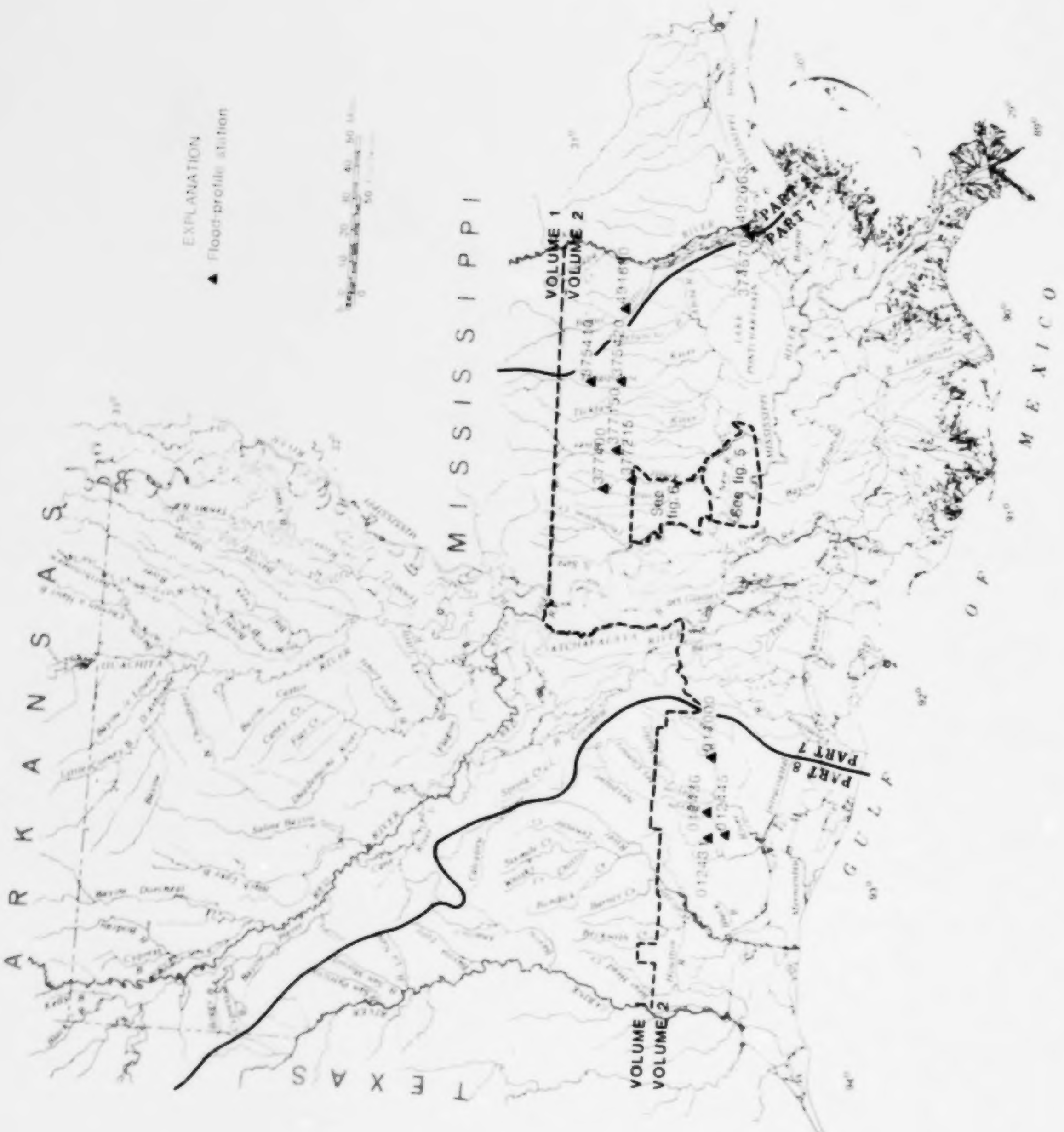
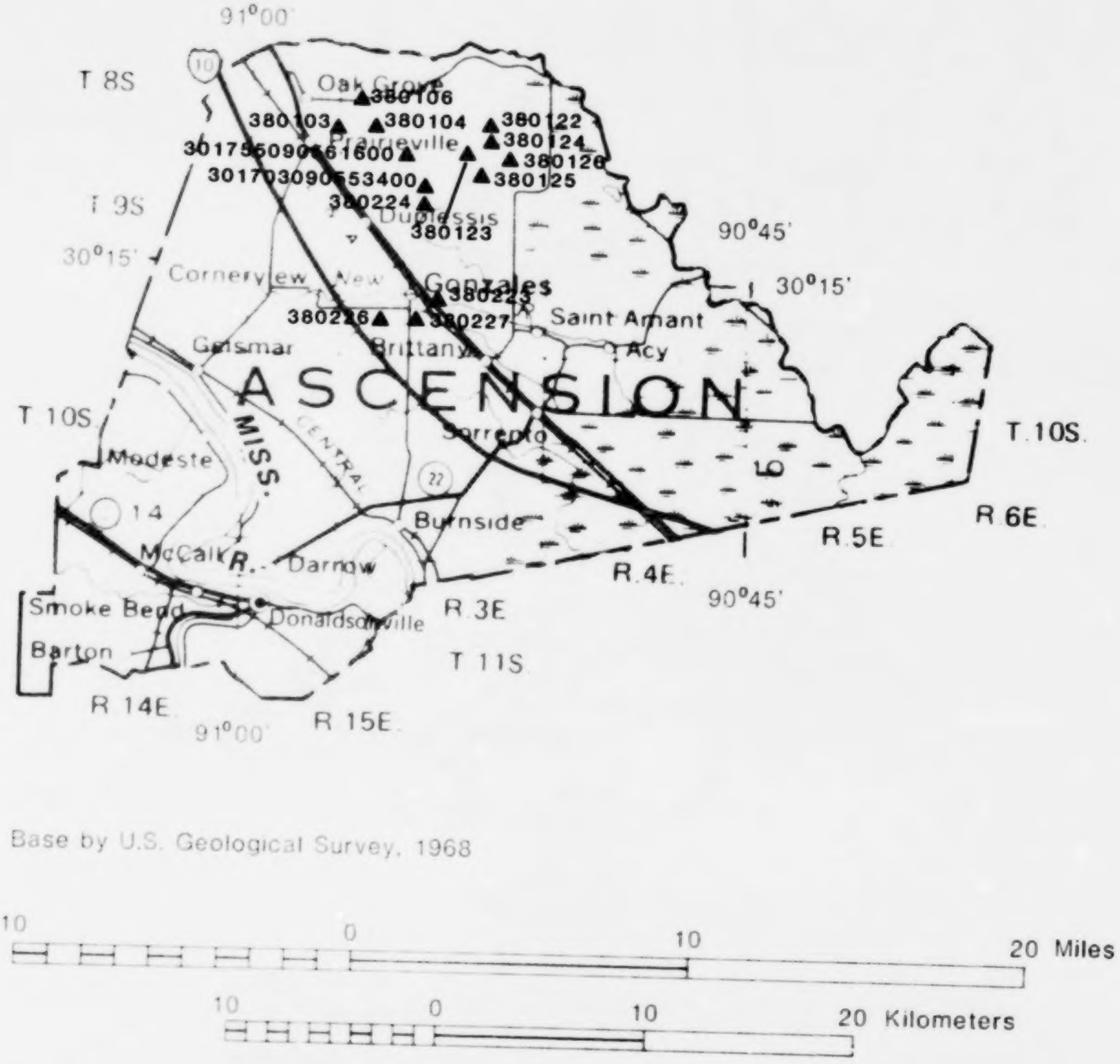
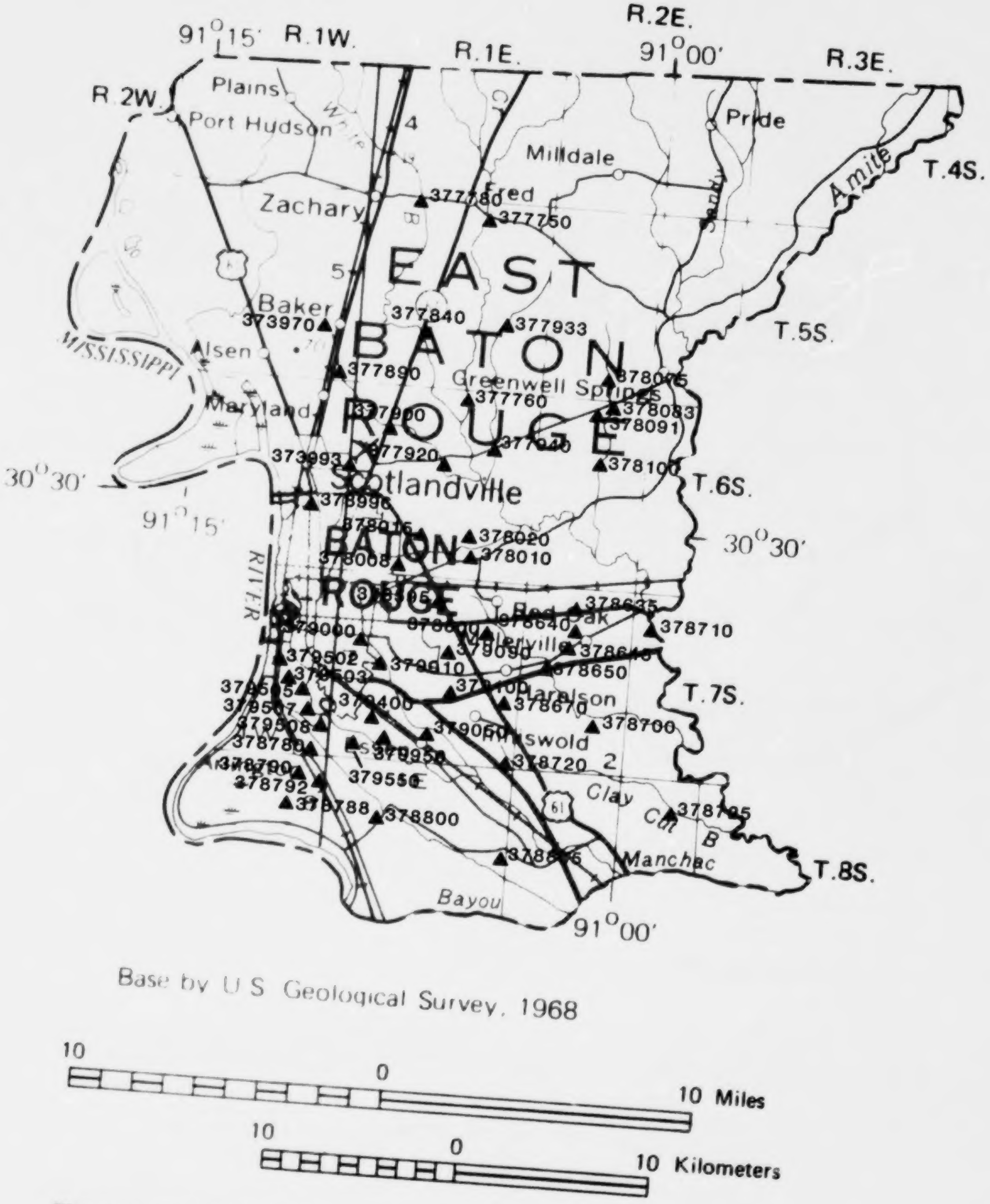


Figure 4.--Location of flood-profile stations.



Base by U.S. Geological Survey, 1968

Figure 5.--Location of flood-profile stations, Ascension Parish.



Base by U S Geological Survey, 1968

Figure 6.--Location of flood-profile stations, East Baton Rouge Parish.

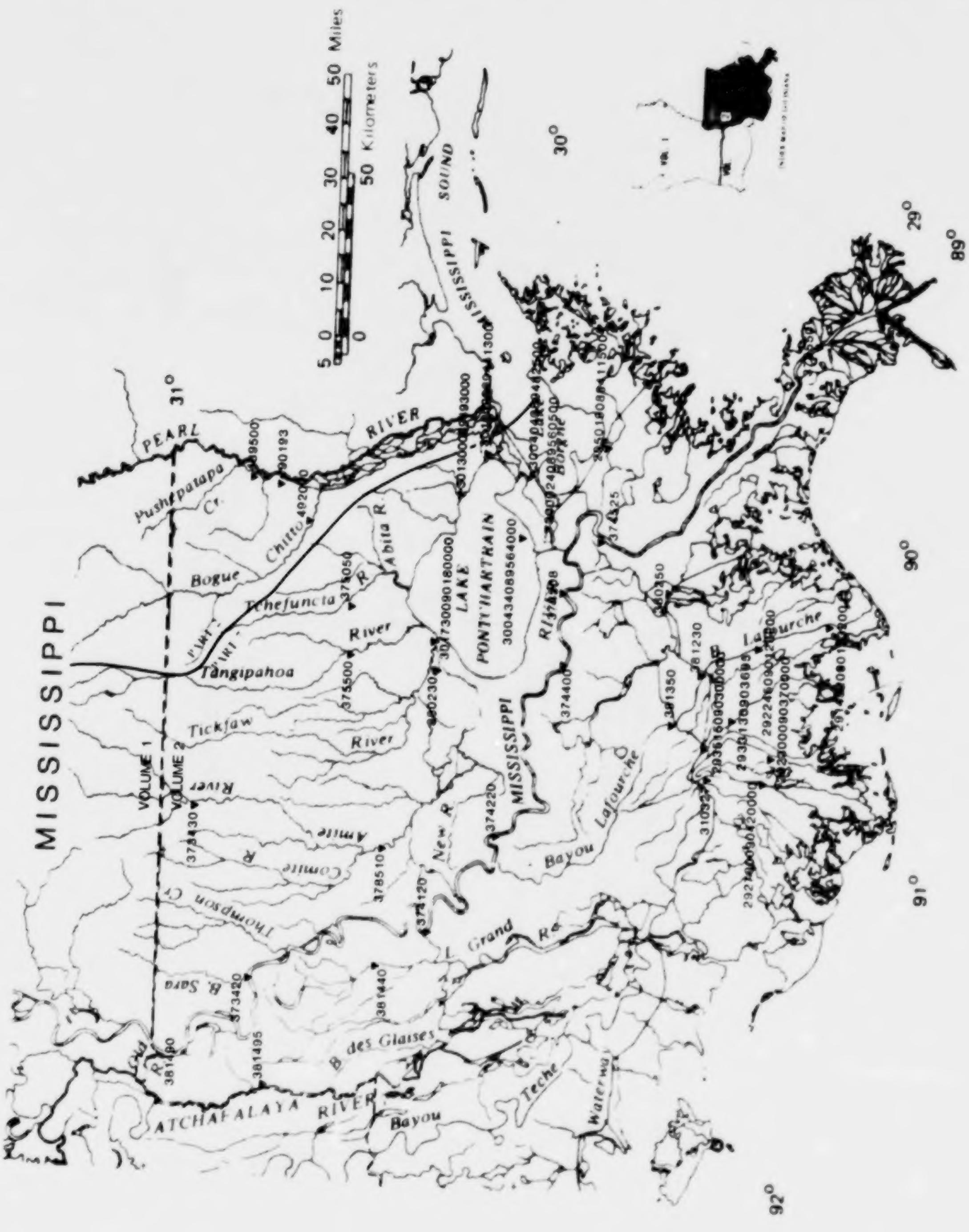


Figure 7.--Location of water-quality stations in southeastern Louisiana.

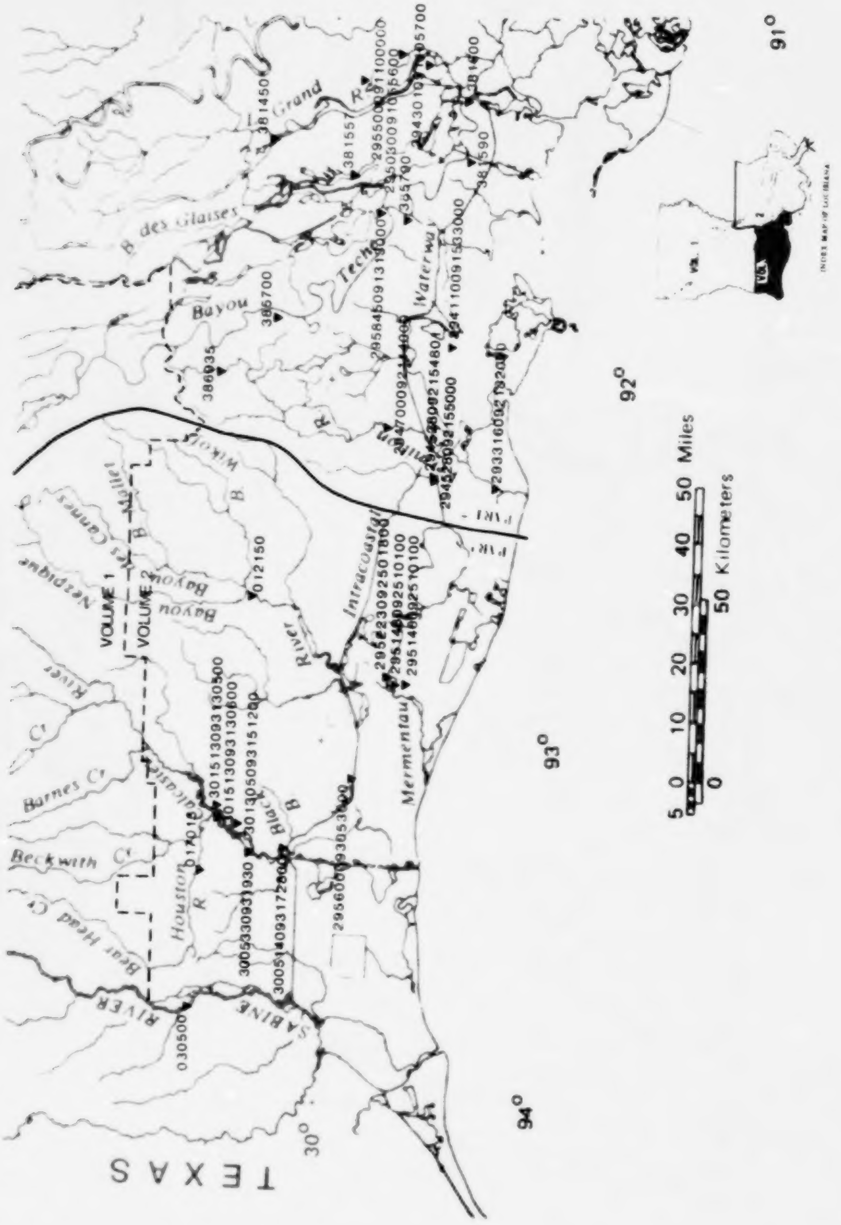


Figure 8.--Location of water-quality stations in southwestern Louisiana.

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°47'35", long 89°49'15", on line between secs. 17 and 18, T.3 S., R.14 E., Washington Parish, Hydrologic Unit 03180004, near right bank on downstream side of bridge on State Highway 10, 2.0 mi (3.2 km) east of Bogalusa, and 2.0 mi (3.2 km) upstream from Bogue Lusa Creek.

DRAINAGE AREA.--6,573 mi^2 (17,024 km^2), revised.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is 55.00 ft (16.764 m) National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to July 29, 1954, nonrecording gage at same site and datum.

REMARKS.--Water-discharge records good. Records of dissolved oxygen and water temperature for the 1982 water year are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--44 years, 9,599 ft^3/s (271.8 m^3/s), 19.83 in/yr (504 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 129,000 ft^3/s (3,650 m^3/s) Apr. 24, 1979, gage height, 23.23 ft (7.081 m); minimum, 1,020 ft^3/s (28.9 m^3/s) Oct. 29 to Nov. 1, 1963; minimum gage height, 4.84 ft (1.475 m) Oct. 30, 31, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 11, 1938, reached a stage of 21.0 ft (6.40 m).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 34,400 ft^3/s (946 m^3/s) Feb. 21, gage height, 19.31 ft (5.886 m); minimum discharge, 1,440 ft^3/s (40.8 m^3/s) Oct. 22, 23, 24; gage height, 6.69 ft (2.039 m) Aug. 29, from graph based on gage readings.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1580	2390	1870	3710	12300	14000	17800	21900	2510	3610	3280	2290
2	1600	2120	2290	4410	13800	15200	15400	21900	2430	3200	4560	2240
3	1610	1930	2420	7890	18900	14900	13600	20400	2370	3010	7940	2190
4	1620	1830	2140	12000	21400	14100	11200	18800	2320	3150	11600	2180
5	1610	1800	2070	11800	21100	13100	9170	17500	2290	3260	12700	2240
6	1610	1880	2110	10700	19800	12300	7770	15500	2250	2970	12700	2230
7	1600	1760	2050	10300	17600	12600	6840	12000	2210	2610	12500	2170
8	1600	1600	2300	11300	15200	13700	6010	9010	2170	2400	12100	2080
9	1640	1530	1940	12100	13900	13500	5460	7860	2140	2360	11100	1920
10	1570	1490	1910	10700	13700	14000	5460	6380	2110	2680	8850	1890
11	1590	1480	1890	9780	13200	14400	5600	5190	2090	3070	8470	1920
12	1810	1550	1930	9030	12700	14100	5650	4780	2080	3230	7760	2090
13	2380	1540	2130	9050	13300	13200	5900	4590	2170	2830	7430	2260
14	2330	1520	2690	9650	12500	12200	6000	4460	2170	2610	7310	2240
15	1960	1510	3430	8570	10500	11100	5760	4050	2120	2560	6590	2150
16	1910	1500	4180	7380	11200	9960	7380	3690	2150	2480	5730	2060
17	1710	1490	4510	6680	16000	9110	6420	3560	2310	2470	5300	2150
18	1610	1490	4630	6560	22200	8570	6240	3520	2370	2490	5100	2130
19	1540	1500	4280	7250	28400	7820	4540	3490	2270	2500	4160	1970
20	1490	1500	3930	7700	31700	6840	4520	3360	2590	2680	3840	1870
21	1460	1480	3630	7910	33200	6000	6740	3150	3070	2900	4170	1820
22	1450	1470	3490	7920	33000	5640	12300	3060	3100	2880	4170	1790
23	1440	1480	3260	7840	31200	5760	16700	3060	3360	3100	3870	1780
24	1440	1500	3210	7570	27400	7520	19200	3010	2770	3270	3510	1790
25	1450	1550	3680	8330	22200	10700	21100	2860	2370	3060	3250	1730
26	1560	1590	4390	11200	18400	12700	22200	2850	2400	2810	3080	1750
27	1720	1610	4020	12600	16100	13900	22200	3060	2750	3000	2920	1710
28	2450	1620	3530	13000	14700	14700	22200	2990	3300	2970	2680	1700
29	3350	1630	3410	13100	---	15000	22400	2920	3740	2940	2450	1690
30	3160	1630	3490	12900	---	14700	22300	2720	4060	2890	2290	1670
31	2720	---	3460	12600	---	17700	---	2600	---	2950	2330	---
TOTAL	56580	48970	93890	291440	535300	369620	344060	224220	76040	88940	193740	59700
MEAN	1828	1632	3029	9401	19120	11920	11470	7233	2535	2869	6250	1990
MAX	3350	2390	4630	13100	33200	17700	22400	21900	4060	3610	12700	2290
MIN	1440	1470	1870	3710	10500	5640	4520	2600	2080	2360	2290	1670
CFSM	.28	.25	.46	1.43	2.91	1.81	1.75	1.10	.39	.44	.95	.30
IN.	.32	.28	.53	1.65	3.03	2.09	1.95	1.27	.43	.50	1.10	.34

CAL YR 1981 TOTAL 1845160 MEAN 5055 MAX 27800 MIN 1440 CFSM .77 IN 10.44
WTR YR 1982 TOTAL 2382600 MEAN 6528 MAX 33200 MIN 1440 CFSM .99 IN 13.48

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02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.81	8.39	7.52	9.83	15.79	17.00	17.85	18.44	8.37	9.80	9.17	7.76
2	6.83	7.96	8.22	10.70	16.48	17.24	17.31	18.44	7.96	9.05	10.70	7.68
3	6.85	7.62	8.43	13.56	17.97	17.18	16.75	18.26	7.87	8.79	13.68	7.60
4	6.85	7.45	7.97	15.67	18.37	16.92	15.77	17.97	7.80	8.98	15.58	7.58
5	6.83	7.40	7.80	15.57	18.33	16.57	14.77	17.66	7.75	9.14	16.07	7.68
6	6.82	7.53	7.41	15.07	18.13	16.22	13.45	17.05	7.70	9.73	16.00	7.67
7	6.81	7.33	7.66	14.87	17.68	16.15	13.30	15.75	7.64	8.22	15.96	7.56
8	6.81	7.07	7.52	15.33	17.02	16.78	12.69	14.18	7.58	7.92	15.74	7.42
9	6.89	6.96	7.34	15.69	16.52	16.71	12.23	13.48	7.51	7.85	15.32	7.15
10	6.97	6.86	7.27	15.07	16.46	16.88	12.21	12.35	7.47	8.32	14.08	7.10
11	7.00	6.44	7.19	14.62	16.25	15.99	12.35	11.38	7.43	8.87	13.83	7.13
12	7.22	6.98	7.20	14.23	16.00	15.89	12.39	11.01	7.42	9.10	13.33	7.44
13	8.18	6.95	7.48	14.24	16.17	15.60	12.60	10.83	7.56	8.53	13.09	7.71
14	8.10	6.92	8.37	14.46	15.92	15.19	12.68	10.70	7.56	8.22	13.01	7.58
15	7.50	6.90	9.43	14.02	14.98	15.72	12.48	10.26	7.49	8.19	12.47	7.53
16	7.44	6.87	10.42	13.22	15.32	15.17	13.66	9.83	7.54	8.03	11.75	7.38
17	7.11	6.95	10.83	12.72	17.27	14.76	13.06	9.67	7.78	8.02	11.40	7.56
18	6.95	6.85	10.97	12.64	18.67	14.42	12.87	9.62	7.87	8.04	11.22	7.50
19	6.86	6.87	10.56	13.13	19.00	13.98	11.33	9.58	7.73	8.05	10.27	7.23
20	6.76	6.87	10.11	13.45	19.21	13.30	11.30	9.42	8.18	8.32	9.89	7.07
21	6.71	6.83	9.71	13.57	19.30	12.68	13.18	9.12	8.87	8.63	10.26	6.99
22	6.70	6.82	9.52	13.58	19.29	12.38	16.32	8.98	8.92	8.80	10.28	6.96
23	6.69	6.83	9.14	13.53	19.18	12.40	17.66	8.98	9.28	8.92	9.42	6.92
24	6.69	6.87	9.12	13.36	18.73	13.78	18.12	8.91	8.44	9.15	9.44	6.93
25	6.73	6.98	9.57	13.82	18.44	15.53	18.36	8.70	7.87	8.85	9.13	6.84
26	6.96	7.05	10.68	15.29	17.98	16.40	18.46	8.59	7.92	8.50	8.84	6.86
27	7.24	7.08	10.22	15.96	17.49	16.43	18.48	8.99	8.41	8.77	8.65	6.80
28	8.32	7.10	9.57	16.16	17.12	17.10	18.48	9.03	9.20	8.73	8.32	6.79
29	9.89	7.11	9.60	16.20	---	17.20	18.50	8.66	9.76	8.08	7.98	6.76
30	9.62	7.12	9.51	16.10	---	17.10	18.49	8.37	10.15	8.02	7.76	6.74
31	8.93	---	9.47	15.97	---	17.72	---	8.20	---	8.70	7.81	---
MAX	9.89	8.39	10.97	16.20	19.30	17.72	18.50	18.44	10.15	9.80	16.07	7.76
MIN	6.59	6.82	7.19	9.83	14.98	12.38	11.30	8.20	7.42	7.85	7.76	6.74

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1952-53, 1963 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: November 1962 to September 1970, June 1975 to October 1980, April 1981 to September 1981 (discontinued).
pH: June 1975 to October 1980 (discontinued).
WATER TEMPERATURES: November 1962 to September 1970, June 1975 to October 1980, April 1981 to September 1981 (discontinued).
DISSOLVED OXYGEN: June 1975 to October 1980 (discontinued).
SUSPENDED-SEDIMENT CONCENTRATIONS: April 1967 to current year.
SUSPENDED-SEDIMENT DISCHARGE: April 1967 to current year.
SUSPENDED-SEDIMENT SIEVE DIAMETER, PERCENT FINER THAN 0.062 MM: October 1979 to current year.

INSTRUMENTATION.--Water-quality monitor June 1975 to October 1980 (discontinued).

REMARKS.--Suspended-sediment data, sieve diameter, percent finer than 0.062 mm are instantaneous.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 180 micromhos Sept. 10, 1965; minimum, 17 micromhos Apr. 26, 1979.
pH: Maximum, 8.4 units Oct. 19, 21, 1976; minimum, 5.4 units Jan. 23, 24, 1977, Jan. 18-20, 1980.
WATER TEMPERATURES: Maximum daily, 35.0°C July 23, 1981; minimum daily, 1.5°C Dec. 21, 1963.
DISSOLVED OXYGEN: Maximum, 12.9 mg/L Oct. 22, Dec. 1, 1976; minimum, 2.9 mg/L May 25, 1977.
SUSPENDED-SEDIMENT CONCENTRATIONS: Maximum daily mean, 522 mg/L Dec. 17, 1967; minimum daily mean, 2 mg/L Nov. 11-13, 1969, Oct. 15, 17, Nov. 14, 1971, Oct. 15-21, Nov. 3-5, 1972.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily mean, 60,700 tons (55,100 tonnes) Mar. 31, 1980; minimum daily mean, 7 tons (6.4 tonnes) Nov. 11-13, 1969.
SUSPENDED-SEDIMENT SIEVE DIAMETER, PERCENT FINER THAN 0.062 MM: Maximum daily, 100 percent on several days during Mar., May, June, July, Aug., Sept. 1981, Nov., Mar., May, June, Sept., 1982; minimum daily, 34 percent Mar. 30, 1980.

EXTREMES FOR CURRENT YEAR.--
SUSPENDED-SEDIMENT CONCENTRATIONS: Maximum daily mean, 439 mg/L Feb. 19; minimum daily mean, 28 mg/L Nov. 22, 24.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily mean, 33,700 tons (30,600 tonnes) Feb. 19; minimum daily mean, 111 tons (101 tonnes) Nov. 22.
SUSPENDED-SEDIMENT SIEVE DIAMETER, PERCENT FINER THAN 0.062 MM: Maximum daily, 100 percent on several days during Oct., Nov., Mar., May, June, Sept.; mininum daily, 64 percent Feb. 22.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT										
08...	1100	1600	99	6.8	24.0	15	20	7.5	2.4	K60
DEC										
10...	0930	1910	99	6.6	12.5	30	20	11.2	4.9	K40
FEB										
10...	1100	13700	66	6.3	9.0	40	36	11.2	2.3	230
APR										
08...	1130	6010	80	6.4	18.5	60	24	8.5	1.7	K10
JUN										
04...	1030	2320	80	6.8	28.5	30	6.2	7.0	2.2	K10
AUG										
11...	1115	8470	72	6.2	28.5	80	36	6.9	1.9	K90

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT										
08...	2200	16	4.4	1.2	15	1.9	22	12	8.1	.1
DEC										
10...	110	15	4.3	1.1	14	1.9	19	13	8.6	<.1
FEB										
10...	470	14	3.3	1.3	4.8	2.1	9	8.2	6.0	<.1
APR										
08...	4400	18	5.0	1.4	8.5	1.9	15	10	6.2	.1
JUN										
04...	1200	16	4.4	1.3	8.6	1.6	18	7.0	7.6	<.1
AUG										
11...	560	16	4.4	1.2	5.5	1.9	14	8.0	4.8	.1

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT 08...	9.5	66	65	1.5	.11	.46	.18	.17	.17
DEC 10...	9.7	68	64	--	--	.98	<.01	--	--
FEB 10...	6.8	58	38	.27	.14	.81	.13	.03	.03
APR 08...	8.2	63	50	.28	.08	.43	.09	.04	.03
JUN 04...	9.0	56	50	.14	.05	.30	.10	.05	.04
AUG 11...	7.5	56	41	.22	.03	.60	.13	.05	.02

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	BARIUM, DIS-SOLVED (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO)	COBALT, DIS-SOLVED (UG/L AS CO)
OCT 08...	3	2	100	20	<1	1	10	10	1	<1
DEC 10...	1	1	100	26	1	2	20	10	<1	<1
APR 08...	1	1	100	33	1	<1	20	10	1	<1
JUN 04...	1	1	<100	30	<1	<1	10	<10	<1	<1

DATE	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)
OCT 08...	6	2	1100	180	4	<1	360	54	<.1
DEC 10...	8	5	1500	140	5	<1	160	55	<.1
APR 08...	2	4	1300	370	10	4	90	21	<.1
JUN 04...	6	3	880	150	3	2	410	17	<.1

DATE	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG)	SILVER, DIS-SOLVED (UG/L AS AG)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT 08...	<.1	5	2	<1	<1	<1	<1	60	4
DEC 10...	<.1	2	1	<1	<1	<1	<1	60	28
APR 08...	<.1	1	1	<1	<1	<1	<1	--	20
JUN 04...	<.1	6	5	<1	<1	<1	<1	20	10

< Actual value is known to be less than the value shown.

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	88	568	70	364	54	541	114	3790	149	5880
2	---	---	76	435	74	457	65	750	139	5180	188	7780
3	---	---	72	375	62	405	283	6430	234	11600	168	6760
4	---	---	69	341	59	341	350	11300	241	14100	146	5560
5	---	---	66	321	50	279	233	7450	283	16000	120	4240
6	---	---	66	335	51	291	178	5120	230	12300	100	3320
7	65	285	71	337	61	338	137	3780	186	8840	123	4220
8	54	233	65	294	62	335	147	4490	148	6070	119	4400
9	53	235	68	281	64	335	139	4580	130	4880	104	3790
10	64	289	56	225	58	299	98	2830	119	4400	119	4500
11	53	242	52	208	53	270	92	2430	102	3640	158	6170
12	53	259	50	209	49	255	70	1710	105	3600	194	7400
13	61	392	56	233	44	253	74	1810	103	3620	108	3850
14	75	472	56	230	40	291	72	1840	90	3040	---	---
15	62	328	60	245	60	565	46	1080	76	2150	---	---
16	59	304	54	227	88	993	49	976	93	3200	---	---
17	61	282	53	213	91	1090	42	758	234	10500	72	1770
18	56	263	54	217	114	1420	46	815	388	20500	64	1480
19	48	200	38	154	74	855	57	1120	439	33700	55	1160
20	50	201	40	162	69	732	63	1310	372	32000	56	1030
21	53	209	32	128	56	549	70	1490	298	26900	52	842
22	52	204	28	111	57	537	78	1670	270	24100	63	959
23	44	171	30	120	64	563	78	1650	240	20200	55	855
24	41	159	28	113	51	442	68	1390	204	15100	75	1550
25	43	168	30	126	52	505	53	1200	178	10700	124	3640
26	50	211	33	142	60	711	160	4940	163	8100	170	5850
27	52	241	32	139	46	499	302	10300	123	5350	188	7030
28	72	479	37	162	42	400	292	10300	115	4560	161	6390
29	95	859	38	167	47	433	182	6480	---	---	140	5670
30	83	708	40	176	52	490	140	4960	---	---	118	4680
31	86	632	---	---	52	486	130	4420	---	---	142	6550

DAY	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	136	6460	196	11600	42	285	123	1200	68	608	52	322
2	96	3990	170	10100	45	295	116	1000	101	1280	58	351
3	108	3970	149	8210	44	282	129	1050	221	4940	57	337
4	99	2990	155	7870	45	282	152	1290	308	9690	55	324
5	79	1960	141	6660	41	254	140	1230	249	8580	57	345
6	74	1550	124	5190	48	292	131	1050	192	6570	72	434
7	71	1310	110	3560	47	280	110	775	146	4930	71	416
8	58	941	115	2800	46	270	112	726	128	4180	64	359
9	68	1000	105	2230	43	248	118	752	110	3300	63	327
10	64	943	113	1950	44	251	120	868	99	2370	61	311
11	58	877	92	1290	46	260	128	1060	88	2010	60	311
12	58	885	72	929	42	236	126	1100	91	1910	55	310
13	62	988	65	806	58	340	122	932	78	1560	50	305
14	64	1040	58	698	52	305	87	613	77	1520	56	339
15	66	967	54	590	86	492	85	588	71	1260	62	360
16	188	3760	60	598	90	522	83	556	70	1080	55	306
17	77	1330	42	404	---	---	79	527	73	1040	65	377
18	68	1150	38	361	95	608	84	565	71	978	64	368
19	53	650	37	349	95	582	86	580	70	786	67	356
20	---	---	37	336	120	832	90	651	60	622	67	338
21	---	---	36	306	150	1240	93	728	62	698	58	285
22	---	---	37	306	141	1180	90	700	66	743	62	300
23	---	---	45	372	138	1250	92	770	66	690	59	284
24	---	---	47	382	123	920	83	733	68	644	52	251
25	---	---	52	402	115	736	76	628	67	588	55	257
26	---	---	50	385	116	752	69	524	62	516	51	241
27	---	---	50	413	124	921	70	567	54	426	51	235
28	214	12800	60	484	130	1160	67	537	54	391	50	229
29	216	13100	52	410	133	1340	69	548	50	331	62	283
30	214	12900	48	353	132	1450	69	538	46	284	58	262
31	---	---	41	288	---	---	64	510	46	289	---	---

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

SEDIMENT, SUSPENDED, SIEVE DIAMETER, PERCENT FINER THAN 0.062 MM, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	100	---	80	93	---	70	79	98	87	---	99
2	---	100	---	---	84	---	70	80	100	86	---	95
3	---	100	84	---	---	83	83	82	100	84	---	96
4	---	100	88	---	---	80	90	80	100	85	---	96
5	---	91	82	---	---	81	94	87	100	85	---	75
6	---	97	89	---	83	87	95	89	100	86	---	85
7	89	89	77	---	84	---	93	91	100	87	86	80
8	92	87	76	---	86	74	94	94	100	82	87	75
9	90	87	76	---	84	68	84	98	100	82	89	81
10	94	98	78	87	85	71	86	97	100	80	92	91
11	91	98	80	94	86	---	88	96	95	82	92	100
12	92	99	76	91	86	---	86	95	90	82	86	100
13	92	98	98	91	83	76	80	92	91	84	88	100
14	93	96	95	95	82	---	86	92	90	84	97	100
15	90	97	---	89	88	---	---	94	82	81	92	97
16	97	96	78	90	---	---	---	95	81	82	93	100
17	96	98	---	88	---	92	94	88	---	86	90	91
18	89	96	---	88	---	92	93	88	85	83	90	91
19	94	100	81	86	---	95	94	93	76	86	89	91
20	96	100	80	86	---	100	---	97	---	88	92	96
21	96	100	87	88	---	100	---	94	86	89	92	93
22	98	100	82	90	64	90	---	95	83	87	91	97
23	100	100	92	89	70	91	---	96	86	88	95	90
24	98	100	91	88	66	---	---	97	86	96	97	75
25	98	85	90	---	69	---	---	99	85	98	99	91
26	98	86	88	---	75	---	---	97	82	93	92	100
27	96	94	95	---	83	---	---	94	82	96	94	98
28	---	92	94	---	80	78	81	95	84	98	92	100
29	100	96	87	---	---	74	82	94	84	92	96	85
30	100	86	81	89	---	77	85	95	86	94	98	83
31	100	---	85	90	---	---	---	100	---	88	91	---

02490105 BOGUE LUSA CREEK AT STATE HIGHWAY 439, AT BOGALUSA, LA

LOCATION.--Lat 30°46'56", long 89°52'24", in SE1/4SE1/4 sec. 15, T. 3 S., R.13 E., St. Helena meridian, Washington Parish, Hydrologic Unit 03180004, near center of span on downstream side of bridge on State Highway 439, at Bogalusa, 0.3 mi (0.5 km) upstream from Ice Water Branch, 0.9 mi (1.4 km) downstream from Adams Creek, and 4.0 mi (6.4 km) upstream from mouth.

DRAINAGE AREA.--72.7 mi^2 (188.3 km^2).

PERIOD OF RECORD.--October 1963 to current year.

REVISED RECORDS.--WRD LA-1974: 1964(P), 1965-66(M), 1967(P), 1969-72(M), 1973(P).

GAGE.--Water-stage recorder and concrete control. Datum of gage is 76.60 ft (23.348 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--19 years, 116 ft^3/s (3.285 m^3/s), 21.67 in/yr (550 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,100 ft^3/s (201 m^3/s) Apr. 18, 1973, gage height, 11.86 ft (3.615 m); minimum, 5.0 ft^3/s (0.14 m^3/s) Oct. 27, 28, 1967, gage height, 3.54 ft (1.079 m), affected by temporary regulation.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Nov. 14, 1961, reached a stage of about 13 ft (4.0 m), from information by local resident.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,500 ft^3/s (42 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Mar. 31	1745	*1590	45.0	*6.60	2.012

Minimum discharge, 14 ft^3/s (0.40 m^3/s) Oct. 1, gage height, 3.71 ft (1.131 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	21	83	124	50	86	959	77	33	71	193	29
2	15	21	101	124	766	72	316	91	29	59	264	29
3	17	21	58	176	951	67	216	97	29	45	124	29
4	15	22	39	192	458	64	191	94	28	40	79	29
5	15	22	31	147	205	61	125	66	28	36	57	27
6	16	23	27	107	139	74	101	57	27	34	49	26
7	17	23	26	91	109	138	83	52	27	34	49	25
8	17	23	26	104	93	104	74	60	27	34	58	25
9	19	23	25	114	116	75	70	59	27	82	131	25
10	23	24	24	103	181	66	66	49	27	547	93	26
11	26	24	24	92	115	62	64	45	25	473	66	33
12	26	25	25	88	125	60	61	43	23	234	51	71
13	24	25	31	168	204	58	56	41	29	100	61	77
14	22	24	69	233	133	56	54	40	36	74	63	58
15	20	24	145	199	124	55	53	41	32	60	51	71
16	20	24	110	138	461	53	69	40	30	55	45	51
17	19	26	81	103	399	52	105	38	32	58	58	45
18	17	26	69	83	239	50	116	37	35	54	68	37
19	17	27	62	70	146	48	81	40	30	47	108	33
20	15	27	58	62	113	48	64	39	28	45	65	31
21	17	27	53	57	96	48	248	38	69	60	49	34
22	16	26	50	52	84	48	382	40	380	68	46	34
23	15	27	49	49	76	51	264	65	254	49	45	30
24	17	29	50	48	70	57	142	61	80	41	41	28
25	23	30	90	46	66	69	153	45	52	37	38	27
26	27	30	105	44	69	62	158	40	65	35	36	27
27	24	31	94	37	139	53	104	37	97	33	35	27
28	23	28	80	36	123	51	81	35	281	32	32	27
29	22	24	71	42	---	51	70	35	154	31	29	26
30	22	30	69	46	---	51	64	35	119	34	29	26
31	22	---	77	45	---	1170	---	35	---	53	29	---
TOTAL	602	757	1903	3010	5850	3060	4590	1572	2133	2655	2142	1063
MEAN	19.4	25.2	61.4	97.1	209	98.7	153	50.7	71.1	85.6	69.1	35.4
MAX	27	31	145	233	951	1170	959	97	380	547	264	77
MIN	14	21	24	36	50	48	53	35	23	31	29	25
CFSM	.27	.35	.85	1.34	2.88	1.36	2.11	.70	.98	1.18	.95	.49
IN.	.31	.39	.97	1.54	2.99	1.57	2.35	.80	1.09	1.36	1.10	.54

CAL YR 1981 TOTAL 24199 MEAN 66.3 MAX 1830 MIN 14 CFSM .91 IN 12.38
WTR YR 1982 TOTAL 29337 MEAN 80.4 MAX 1170 MIN 14 CFSM 1.11 IN 15.01

02490105 BOGUE LUSA CREEK AT STATE HIGHWAY 439, AT BOGALUSA, LA

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.71	---	3.97	4.10	3.88	3.98	5.50	3.96	3.78	3.93	4.25	3.76
2	3.72	---	4.02	4.10	5.15	3.94	4.48	4.00	3.76	3.89	4.39	3.76
3	3.73	---	3.89	4.22	5.48	3.92	4.30	4.02	3.76	3.84	4.10	3.76
4	3.72	---	3.81	4.25	4.72	3.91	4.25	4.01	3.75	3.81	3.96	3.76
5	3.72	---	3.78	4.16	4.28	3.90	4.10	3.92	3.76	3.80	3.88	3.75
6	3.72	---	3.76	4.06	4.14	3.94	4.03	3.89	3.75	3.79	3.85	3.75
7	3.73	---	3.76	4.01	4.06	4.13	3.98	3.86	3.75	3.79	3.85	3.74
8	3.73	---	3.76	4.05	4.01	4.04	3.95	3.90	3.75	3.79	3.89	3.74
9	3.74	---	3.75	4.08	4.07	3.95	3.93	3.89	3.75	3.91	4.11	3.74
10	3.75	3.75	3.75	4.05	4.23	3.92	3.92	3.85	3.75	4.87	4.00	3.75
11	3.77	3.75	3.75	4.02	4.07	3.90	3.91	3.83	3.74	4.75	3.92	3.78
12	3.77	3.75	3.76	4.00	4.09	3.90	3.90	3.83	3.73	4.33	3.86	3.93
13	3.76	3.75	3.78	4.21	4.28	3.89	3.88	3.82	3.76	4.03	3.90	3.96
14	3.75	3.75	3.92	4.36	4.12	3.88	3.87	3.81	3.80	3.95	3.91	3.89
15	3.74	3.75	4.16	4.29	4.09	3.88	3.87	3.82	3.78	3.89	3.86	3.93
16	3.74	3.75	4.06	4.15	4.73	3.87	3.93	3.82	3.77	3.88	3.84	3.86
17	3.74	3.76	3.97	4.06	4.63	3.87	4.04	3.81	3.78	3.89	3.89	3.84
18	3.73	3.76	3.93	4.00	4.35	3.86	4.08	3.80	3.79	3.87	3.93	3.80
19	3.73	3.76	3.91	3.95	4.15	3.85	3.97	3.81	3.77	3.84	4.05	3.78
20	3.72	3.76	3.89	3.92	4.07	3.85	3.90	3.81	3.76	3.84	3.91	3.77
21	3.73	3.76	3.87	3.91	4.02	3.85	4.35	3.81	3.91	3.90	3.85	3.78
22	3.72	3.76	3.86	3.89	3.98	3.85	4.60	3.81	4.59	3.93	3.84	3.79
23	3.72	3.76	3.86	3.88	3.95	3.86	4.39	3.91	4.36	3.85	3.84	3.77
24	3.73	3.77	3.86	3.88	3.93	3.88	4.14	3.90	3.97	3.82	3.81	3.76
25	3.76	3.77	4.09	3.87	3.92	3.93	4.17	3.83	3.87	3.80	3.81	3.75
26	3.77	3.78	4.05	3.86	3.93	3.90	4.18	3.81	3.91	3.79	3.80	3.75
27	3.76	3.78	4.01	3.84	4.13	3.87	4.04	3.80	3.99	3.78	3.79	3.75
28	3.75	3.77	3.97	3.83	4.09	3.86	3.97	3.79	4.42	3.78	3.77	3.75
29	3.75	3.75	3.94	3.85	---	3.86	3.93	3.79	4.17	3.77	3.76	3.75
30	---	3.78	3.93	3.87	---	3.96	3.91	3.79	4.08	3.79	3.76	3.74
31	---	---	3.96	3.87	---	5.85	---	3.79	---	3.87	3.76	---
MAX	3.77	3.78	4.16	4.36	5.48	5.95	5.50	4.02	4.59	4.87	4.39	3.96
MIN	3.71	---	3.75	3.83	3.88	3.85	3.87	3.79	3.73	3.77	3.76	3.74

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA

LOCATION.--Lat 30°42'20", long 89°50'51", in lot 40, T.4 S., R.13 E., Washington Parish, Hydrologic Unit 03180004, on right bank, 200 yards (183 m) upstream from Pools Bluff (low water) sill, and 5.3 mi (8.5 km) south of Bogalusa.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1971, 1975 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1975 to current year.
pH: June 1975 to current year.
WATER TEMPERATURES: June 1975 to current year.
DISSOLVED OXYGEN: June 1975 to current year.

INSTRUMENTATION.--Water-quality monitor since June 1975.

REMARKS.--Flow data available for Pearl River near Bogalusa, La., 10.3 mi (16.6 km) upstream (station 02489500).

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 176 micromnos Sept. 23, 1981; minimum, 18 micromnos May 20, 1980.
pH: Maximum, 7.9 units May 3, 1978; minimum 4.1 units Dec. 9, 1981.
WATER TEMPERATURES: Maximum, 33.5°C July 22-24, 1981; minimum, 3.0°C Jan. 19, 20, 1977.
DISSOLVED OXYGEN: Maximum, 13.5 mg/L Jan. 13, 1981; minimum, 3.4 mg/L Aug. 2, 1981.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 162 micromnos Oct. 16; minimum, 39 micromnos Feb. 20.
pH: Maximum, 7.4 units Oct. 28, Dec. 1; mimimum, 4.1 units Dec. 9, 1981.
WATER TEMPERATURES: Maximum, 32.0°C July 5-7, Aug. 29; minimum, 7.0°C Dec. 20.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (FTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)
OCT 08...	1300	132	6.8	25.0	40	10	6.4	1.8
JAN 20...	1240	96	6.5	11.0	60	25	10.8	3.0
APR 08...	1245	87	6.1	19.0	70	20	7.9	1.3
JUL 30...	1100	100	6.9	29.5	70	24	6.9	2.0

DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)
OCT 08...	K120	2400	16	4.7	1.1	22	2.1	29	17
JAN 20...	210	1700	15	4.2	1.2	11	2.3	18	14
APR 08...	K35	K2000	17	4.8	1.3	9.7	1.8	16	13
JUL 30...	K100	770	18	5.4	1.1	13	2.2	19	17

DATE	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 08...	7.3	<.1	9.9	81	81	.02	1.3	.10
JAN 20...	7.5	<.1	7.6	70	59	.27	.93	.15
APR 08...	6.5	<.1	8.0	67	55	.24	.52	.09
JUL 30...	7.4	.2	8.4	76	46	.18	.30	.12

< Actual value is known to be less than the value snown.

K Results based on colony count outside the acceptable range (non-ideal count).

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT 08...	1	0	1	<1	<1	<1	3	<1	220	760	1

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	PCB, TOTAL (UG/L)
OCT 08...	<10	84	22	.1	<.01	7	6	5.3	<.01	1	<.10

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 08...	1	<.10	<1.0	<.01	<.1	<.1	1.0	<.01	.8	<.01	.7

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 08...	<.01	<.1	.02	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 08...	<.01	<.1	<.01	.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 08...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATERIAL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 08...	<.01	<.10	<.1	<1.0	<.01	<.1	.02	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	140	128	110	102	147	135			---	---	63	58
2	148	135	102	99	135	122			---	---	61	58
3	142	134	108	100	126	118			59	51	68	61
4	142	133	117	109	127	121			55	51	69	64
5	146	136	124	115	129	124			55	50	68	66
6	145	137	116	113	126	120			54	53	68	63
7	146	141	118	111	133	121			57	53	65	61
8	---	---	117	109	138	132			63	57	63	58
9	146	142	125	109	134	131			62	58	63	57
10	149	142	126	116	132	126			59	56	66	62
11	145	140	126	120	125	119			61	55	70	65
12	146	144	128	122	127	124			61	58	70	68
13	145	138	133	127	128	122			66	56	69	67
14	136	130	138	131	123	121			59	54	70	66
15	152	135	138	135	121	107			63	56	72	68
16	162	149	140	135	111	99			65	60	74	71
17	160	148	137	133	111	98			62	53	77	73
18	144	109	137	130	124	111			53	44	81	76
19	104	93	138	135	120	105			43	39	81	78
20	91	87	136	128	106	103			43	39	81	78
21	88	82	136	126	114	103			46	42	83	80
22	109	84	134	128	125	116			47	41	86	82
23	112	107	135	130	124	120			60	45	90	85
24	118	109	138	132	128	119			61	47	94	91
25	126	117	139	132	119	111			61	51	93	76
26	128	121	145	138	107	100			60	50	82	77
27	124	119	149	145	98	93			56	52	79	70
28	122	117	150	144	102	93			58	55	69	67
29	119	111	150	145	100	94			---	---	69	66
30	141	112	152	148	96	93			---	---	69	67
31	142	110	---	---	---	---			---	---	68	47

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	57	51	59	58	112	107	108	94	87	66	104	98
2	62	55	60	57	107	100	124	99	72	61	109	101
3	64	60	62	57	107	101	126	112	88	68	111	105
4	66	59	64	59	113	107	112	98	66	53	115	112
5	76	64	67	63	113	104	105	99	55	51	113	106
6	85	75	69	65	121	111	106	98	59	53	111	108
7	92	77	69	67	125	119	103	98	62	58	118	111
8	91	81	70	66	130	121	108	104	63	61	117	111
9	90	82	72	67	134	127	104	95	69	65	112	101
10	90	80	70	67	135	130	101	86	73	69	105	101
11	94	81	72	65	136	131	86	83	76	70	106	102
12	92	83	76	70	131	128	98	83	72	70	110	100
13	92	83	79	74	127	118	98	90	71	68	102	97
14	90	82	79	77	118	113	94	89	70	66	99	95
15	89	80	83	76	121	114	104	93	75	69	109	99
16	85	58	89	81	119	114	106	103	75	74	118	109
17	81	60	89	85	117	112	109	103	---	---	121	112
18	78	71	85	81	118	113	118	104	---	---	131	120
19	85	75	---	---	124	114	111	105	---	---	139	132
20	88	81	117	113	125	122	114	107	---	---	143	138
21	89	75	112	107	121	107	108	97	---	---	138	133
22	90	59	111	98	115	107	96	91	---	---	136	127
23	65	55	110	98	110	102	102	94	106	103	130	120
24	62	55	108	104	109	92	102	96	107	101	121	114
25	65	54	107	102	103	91	105	99	114	109	123	118
26	60	57	104	99	108	103	106	102	110	104	128	122
27	60	56	97	89	104	99	102	92	107	102	125	121
28	60	57	95	85	100	84	93	91	112	106	125	120
29	58	56	102	97	93	84	106	92	118	111	126	120
30	60	57	105	99	107	91	112	100	121	106	120	111
31	---	---	109	102	---	---	101	87	107	99	---	---

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

PH (STANDARD UNITS), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.9	6.3	6.7	6.5	7.4	7.0			---	---	6.0	5.9
2	6.7	6.3	6.5	6.3	7.2	6.7			---	---	6.0	6.0
3	6.6	6.2	6.5	6.3	6.8	6.5			6.4	5.7	6.0	6.0
4	6.9	6.2	6.5	6.3	6.8	6.4			5.8	5.7	6.0	6.0
5	6.9	6.3	6.4	6.2	---	---			5.7	5.7	6.0	6.0
6	6.7	6.3	6.5	6.1	---	---			5.8	5.7	6.0	6.0
7	6.6	6.3	6.8	6.0	---	---			5.8	5.8	6.1	6.0
8	6.6	6.2	6.8	5.9	6.5	5.0			5.9	5.8	6.1	6.0
9	6.8	6.4	6.5	6.2	6.4	4.1			5.9	5.9	6.1	6.0
10	6.9	6.6	6.3	6.2	---	---			6.1	6.0	6.1	6.1
11	6.8	6.5	6.6	6.1	---	---			6.1	6.0	6.1	6.1
12	6.8	6.5	6.5	6.0	---	---			6.1	6.0	6.1	6.1
13	6.7	6.5	6.6	6.1	---	---			6.0	6.0	6.1	6.0
14	6.8	6.5	6.7	6.4	---	---			6.0	6.0	6.0	6.0
15	7.0	6.4	6.8	6.4	---	---			6.0	5.9	6.0	6.0
16	6.9	6.5	---	---	---	---			6.0	5.9	6.0	6.0
17	6.8	6.5	---	---	---	---			6.0	5.8	6.0	6.0
18	6.6	6.2	---	---	6.9	6.8			5.8	5.6	6.1	6.0
19	6.3	6.0			6.9	6.9			5.6	5.5	6.1	6.1
20	6.9	5.8	7.2	7.0	6.9	6.8			5.6	5.5	6.1	6.1
21	6.8	5.9	7.0	6.8	6.8	6.8			5.6	5.6	6.1	6.1
22	6.8	6.3	7.1	6.5	6.8	6.7			5.6	5.6	6.2	6.1
23	6.3	5.9	7.0	6.7	6.8	6.7			5.7	5.6	6.3	6.2
24	6.3	5.8	7.2	6.8	6.7	6.6			5.7	5.5	6.4	6.3
25	6.6	6.1	7.3	6.9	6.7	6.7			5.8	5.7	6.3	6.2
26	7.1	6.2	7.0	6.8	6.7	6.6			5.8	5.8	6.2	6.0
27	6.9	6.5	7.0	6.8	6.6	6.6			5.9	5.8	6.0	6.0
28	7.4	6.3	7.1	6.8	6.7	6.6			5.9	5.9	5.9	5.9
29	7.0	6.3	7.0	6.7	6.9	6.7			---	---	5.9	5.8
30	7.2	6.4	7.2	6.7	6.9	6.9			---	---	5.8	5.8
31	7.0	6.7	---	---	---	---			---	---	5.8	5.3

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	5.5	5.4	5.9	5.8	6.3	6.2	6.8	6.6	6.7	6.3	6.7	6.6
2	5.6	5.5	5.9	5.8	6.3	6.2	7.0	6.6	6.5	6.2	6.7	6.5
3	5.6	5.5	5.8	5.8	6.3	6.2	7.2	6.8	6.6	6.4	6.7	6.6
4	5.6	5.6	5.9	5.8	6.3	6.2	7.1	6.7	6.3	6.0	6.7	6.6
5	5.8	5.7	5.9	5.9	6.4	6.2	7.2	6.8	6.0	5.9	6.7	6.6
6	5.9	5.8	5.9	5.9	6.4	6.2	6.9	6.7	6.3	5.8	6.7	6.6
7	6.0	6.0	5.9	5.9	6.4	6.3	6.8	6.7	6.3	6.3	6.7	6.6
8	6.0	6.0	5.9	5.9	6.4	6.3	7.1	6.8	6.3	6.3	6.7	6.6
9	6.1	6.0	6.0	5.9	6.4	6.3	6.9	6.7	6.4	6.3	6.7	6.6
10	6.2	6.1	6.0	5.9	6.4	6.3	6.8	6.6	6.4	6.4	6.7	6.6
11	6.2	6.2	6.1	5.9	6.4	6.3	6.7	6.5	6.5	6.4	6.6	6.5
12	6.3	6.2	6.2	6.1	6.4	6.2	6.7	6.6	6.5	6.5	6.7	6.6
13	6.3	6.2	6.3	6.2	6.3	6.3	7.0	6.6	6.6	6.5	6.6	6.5
14	6.3	6.2	6.4	6.3	6.5	6.3	7.2	6.7	6.6	6.5	6.6	6.5
15	6.2	6.1	6.4	6.3	6.5	6.3	6.8	6.7	6.6	6.5	6.6	6.5
16	6.2	5.8	6.5	6.3	6.5	6.3	6.9	6.7	6.6	6.6	6.6	6.5
17	5.9	5.8	6.6	6.4	6.6	6.5	6.9	6.7	---	---	6.5	6.4
18	6.0	5.9	6.5	6.3	6.7	6.5	6.9	6.8	---	---	6.6	6.4
19	6.0	5.9	---	---	6.7	6.5	6.9	6.8	---	---	6.6	6.5
20	6.1	6.0	6.5	6.3	6.7	6.5	6.8	6.7	---	---	6.5	6.4
21	6.2	6.1	6.4	6.3	6.7	6.6	7.1	6.7	---	---	6.5	6.4
22	6.1	5.8	6.3	6.1	6.7	6.6	7.1	6.8	---	---	6.5	6.4
23	5.8	5.8	6.3	6.1	6.9	6.6	7.2	6.8	6.9	6.5	6.5	6.4
24	5.8	5.7	6.4	6.3	6.8	6.6	7.1	6.9	6.7	6.5	6.4	6.3
25	5.8	5.7	6.4	6.2	6.9	6.5	7.1	6.9	6.9	6.7	6.4	6.4
26	5.8	5.8	6.4	6.2	6.7	6.6	7.1	6.9	6.7	6.6	6.5	6.4
27	5.9	5.8	6.5	6.3	6.8	6.6	7.0	6.9	6.6	6.6	6.5	6.5
28	5.9	5.8	6.5	6.2	6.7	6.5	6.9	6.8	6.6	6.5	6.6	6.5
29	5.8	5.8	6.4	6.2	6.5	6.4	6.9	6.8	6.6	6.5	6.6	6.5
30	5.8	5.8	6.3	6.2	6.8	6.5	7.2	6.6	6.6	6.6	6.6	6.5
31	---	---	6.3	6.2	---	---	6.9	6.7	6.7	6.6	---	---

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.0	25.5	19.5	11.5	19.5	18.5			---	---	12.5	11.5
2	28.0	26.5	20.0	19.0	18.0	16.5			---	---	12.5	11.5
3	26.5	25.0	20.5	19.0	17.0	15.5			11.5	10.5	13.0	12.0
4	26.0	24.0	21.0	19.5	15.5	14.0			10.5	10.0	14.0	12.5
5	26.0	24.0	21.0	20.5	14.5	13.5			10.5	10.0	14.0	13.5
6	26.5	24.5	21.0	20.0	13.5	13.0			10.0	9.0	14.0	13.0
7	26.5	25.5	20.0	18.5	14.0	12.5			9.0	8.5	13.0	12.0
8	25.5	24.0	19.0	18.0	15.0	13.0			10.0	8.5	12.5	11.5
9	24.5	23.5	18.5	17.5	15.0	13.5			10.5	9.5	12.5	11.5
10	25.0	23.5	18.5	17.5	14.0	12.5			9.5	9.0	13.5	12.0
11	25.0	24.0	18.0	17.0	12.5	12.0			10.5	9.5	13.5	12.5
12	25.0	24.0	17.5	16.0	12.0	11.0			10.0	9.5	14.5	13.5
13	25.0	24.0	17.0	15.5	11.5	11.0			9.5	9.0	15.5	14.5
14	24.0	23.0	17.0	15.5	11.5	11.0			9.5	8.5	16.5	15.5
15	24.5	23.0	16.5	15.0	11.5	10.5			11.0	10.0	18.0	16.5
16	25.0	23.5	17.0	15.5	11.0	10.0			12.5	11.0	19.0	18.0
17	25.0	23.5	17.5	15.5	11.0	10.5			14.0	12.5	20.5	19.0
18	24.5	22.5	17.5	16.0	10.0	8.5			14.5	13.0	21.0	20.0
19	22.0	20.5	18.5	17.0	8.5	7.5			15.5	14.0	21.5	20.5
20	21.0	19.5	17.5	16.0	7.5	7.0			15.0	14.0	22.0	21.5
21	21.0	19.0	16.0	14.5	9.0	7.5			15.5	14.0	23.0	22.0
22	21.0	19.5	15.0	13.5	11.0	9.0			15.0	13.5	22.0	20.5
23	20.5	19.0	15.5	13.5	11.5	10.5			15.0	13.5	20.5	19.5
24	18.5	18.0	16.0	14.5	11.0	10.0			15.0	14.0	20.0	19.5
25	18.0	17.5	16.0	14.5	10.5	10.0			15.5	14.5	20.0	19.0
26	18.5	17.5	17.0	15.5	11.0	10.0			14.5	13.5	19.0	17.5
27	18.0	17.0	18.5	17.0	12.0	11.0			13.5	12.5	17.5	16.0
28	18.0	16.5	19.0	17.5	12.5	11.5			12.5	12.0	16.0	15.0
29	18.0	16.5	19.0	18.0	12.5	11.5			---	---	16.0	15.0
30	18.5	17.0	19.5	18.5	11.5	11.0			---	---	17.0	16.0
31	18.5	18.0	---	---	---	---			---	---	18.0	16.5

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	18.5	17.5	20.5	20.0	30.5	29.0	29.5	28.0	28.0	26.0	30.5	29.5
2	19.5	18.5	21.0	20.0	30.5	29.0	30.5	28.5	26.5	25.5	31.0	29.5
3	20.5	19.5	21.5	20.0	30.0	29.0	31.5	30.0	27.5	26.0	31.0	30.0
4	19.5	19.0	22.0	21.0	30.5	29.0	31.5	30.5	28.0	27.0	30.0	29.0
5	---	---	22.5	21.0	31.0	29.5	32.0	31.0	28.0	27.5	29.5	28.0
6	20.0	19.0	22.5	21.5	30.5	29.0	32.0	31.0	28.0	27.5	29.5	28.0
7	19.0	18.5	22.5	22.0	30.5	29.0	32.0	30.5	27.5	27.0	29.5	28.5
8	19.5	18.5	22.5	21.5	30.5	29.0	31.5	30.0	27.5	27.5	28.5	28.0
9	19.5	12.0	22.5	21.5	31.0	29.0	31.0	30.0	28.0	27.0	28.0	27.0
10	19.0	18.0	23.0	22.0	31.0	29.5	30.0	28.5	28.5	27.5	27.5	26.5
11	18.5	17.5	23.5	22.0	31.0	30.0	29.0	28.0	28.5	28.0	27.0	26.5
12	18.5	17.5	24.0	22.5	31.0	29.5	29.5	28.5	28.5	28.0	27.5	26.5
13	19.5	18.0	24.0	23.0	30.0	28.5	30.0	28.5	28.5	28.0	28.0	27.0
14	20.0	19.0	24.0	23.0	30.0	28.0	30.0	28.5	29.0	28.5	28.5	27.5
15	20.5	19.5	24.5	23.0	30.5	29.0	30.0	29.0	29.0	28.0	29.0	27.5
16	21.0	20.0	25.5	24.0	29.5	29.0	30.0	28.5	29.0	28.5	30.0	28.5
17	21.5	20.5	25.5	24.5	29.5	28.5	30.5	29.0	---	---	30.5	29.0
18	22.0	21.0	25.5	24.5	30.0	28.5	30.0	29.0	---	---	30.0	29.0
19	22.5	22.0	---	---	31.0	27.0	30.5	29.0	---	---	30.5	29.0
20	23.0	22.5	26.0	25.5	31.0	29.5	30.5	29.0	---	---	29.5	28.5
21	22.5	20.5	27.0	25.5	30.5	29.0	30.0	29.0	---	---	28.0	26.5
22	20.5	18.5	27.5	26.0	29.5	28.5	30.5	29.5	---	---	26.0	24.5
23	19.0	18.0	27.0	25.5	29.5	28.0	31.0	29.5	30.5	29.5	25.0	23.5
24	18.5	18.0	27.0	26.0	30.0	29.0	30.5	30.0	31.0	29.5	24.5	23.0
25	19.5	18.0	27.0	26.0	30.0	29.0	30.0	29.5	31.0	30.0	24.5	23.5
26	19.5	19.0	28.0	26.0	29.5	28.5	30.5	29.0	31.0	30.0	24.5	23.0
27	20.5	19.0	28.5	26.5	29.0	28.0	30.5	29.5	31.5	30.5	23.5	23.0
28	20.5	19.5	28.5	27.5	28.0	27.0	31.0	30.0	31.5	30.5	24.5	22.5
29	20.5	19.5	29.5	28.0	28.0	26.5	30.5	30.0	32.0	30.5	25.0	23.0
30	21.0	20.0	30.0	28.5	28.5	27.0	30.5	29.5	31.5	30.5	25.0	23.5
31	---	---	30.0	28.5	---	---	29.5	28.0	31.0	29.5	---	---

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	9.5	9.2	---	---			---	---	9.3	8.8
2	---	---	9.2	8.3	---	---			---	---	9.4	9.1
3	---	---	8.4	8.1	---	---			9.1	8.8	9.2	8.8
4	---	---	8.4	8.1	---	---			9.0	8.7	9.6	8.6
5	---	---	8.1	7.9	---	---			8.8	8.1	9.5	9.4
6	---	---	8.2	7.8	---	---			8.9	8.4	9.4	9.3
7	---	---	8.3	7.9	9.1	8.7			9.0	8.7	9.9	9.3
8	---	---	8.5	8.0	9.1	8.7			9.0	8.7	10.1	9.9
9	7.0	6.4	8.5	8.2	8.7	8.5			9.0	8.7	10.0	9.8
10	7.0	6.5	8.4	8.1	8.5	8.3			10.2	8.8	10.1	9.9
11	---	---	8.6	8.1	8.6	8.4			10.1	9.9	9.9	9.7
12	---	---	8.7	8.3	8.7	8.6			10.1	9.8	9.7	9.5
13	---	---	8.9	8.5	8.8	8.7			10.3	9.8	9.5	9.3
14	---	---	9.1	8.7	8.9	8.7			10.3	10.0	9.3	9.1
15	---	---	9.2	8.7	8.9	8.1			10.1	9.7	9.0	8.8
16	7.8	7.4	9.6	8.9	8.8	8.4			9.8	9.3	8.7	8.5
17	7.8	7.2	9.4	9.0	10.9	8.6			9.5	8.9	8.6	8.3
18	---	---	9.2	8.9	10.7	10.3			8.9	8.1	8.6	8.2
19	---	---	9.1	8.8	10.6	10.1			8.3	7.7	8.3	7.9
20	---	---	9.1	8.6	10.9	10.4			7.8	7.3	7.9	7.6
21	---	---	9.4	8.8	11.4	10.9			7.7	7.3	8.0	7.4
22	---	---	9.8	9.2	11.7	11.3			7.8	7.3	7.7	7.3
23	---	---	9.9	9.4	11.3	10.5			7.9	7.4	8.3	7.5
24	---	---	9.5	9.0	10.8	10.3			8.0	7.5	8.4	8.2
25	---	---	9.2	8.8	10.8	10.4			8.1	7.6	8.4	8.1
26	---	---	9.0	8.7	10.9	10.3			8.8	7.9	8.2	7.1
27	9.9	9.4	8.8	8.4	10.6	9.9			8.7	8.5	7.7	7.4
28	10.0	9.3	8.7	8.3	10.3	9.8			9.0	8.1	8.0	7.7
29	9.8	9.2	---	---	10.1	9.3			---	---	8.0	7.8
30	9.8	9.1	---	---	9.7	9.2			---	---	7.9	7.8
31	9.8	9.5	---	---	---	---			---	---	8.0	5.4

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.1	6.8	6.9	6.7	6.9	6.0	---	---	6.9	6.1	6.4	5.5
2	6.9	6.6	6.9	6.7	7.0	6.1	---	---	7.1	6.4	6.9	5.6
3	6.9	6.3	6.8	6.6	6.7	6.0	---	---	7.3	6.8	6.7	5.9
4	6.6	6.2	7.1	6.6	6.6	5.9	---	---	6.8	6.2	6.7	5.7
5	6.8	6.4	7.0	6.8	6.9	5.9	---	---	6.3	6.0	6.9	6.0
6	7.2	6.8	6.9	6.6	6.8	5.9	---	---	5.9	5.5	6.9	6.2
7	7.5	7.1	6.7	6.4	6.6	5.8	---	---	5.8	5.6	6.9	6.1
8	7.7	7.4	6.9	6.3	6.5	5.6	---	---	6.0	5.7	6.9	6.1
9	8.0	7.5	7.5	6.9	6.6	5.6	---	---	6.0	5.8	6.7	6.2
10	8.2	7.9	7.3	7.1	6.4	5.5	7.7	6.4	6.1	5.9	7.1	6.1
11	8.4	8.1	7.5	7.0	7.3	5.4	7.6	6.4	6.3	5.9	6.7	6.1
12	8.7	8.3	8.1	7.5	7.8	6.2	7.6	6.7	6.4	6.1	7.1	6.1
13	8.5	8.3	8.4	7.8	6.9	6.4	8.1	6.5	6.6	6.2	7.1	6.3
14	8.5	8.2	8.6	7.8	8.3	6.5	8.7	6.8	6.5	6.2	7.1	6.3
15	8.2	7.8	8.8	8.0	8.3	6.8	7.7	6.6	6.5	6.1	6.9	6.0
16	8.0	7.1	9.2	8.2	7.4	6.7	7.2	6.0	6.4	6.1	6.6	5.8
17	7.3	7.0	9.3	8.3	7.7	6.5	---	---	---	---	---	---
18	7.3	6.9	8.7	8.0	8.0	6.7	---	---	---	---	---	---
19	7.4	7.0	---	---	7.5	6.6	---	---	---	---	---	---
20	7.3	7.1	8.3	7.7	7.2	6.4	---	---	---	---	---	---
21	7.4	7.1	8.2	7.3	7.2	6.4	---	---	---	---	---	---
22	7.3	7.0	7.9	6.8	7.2	6.0	8.6	6.9	---	---	---	---
23	7.1	7.0	7.8	6.5	8.8	7.0	8.5	7.0	7.4	6.8	---	---
24	7.0	6.6	8.0	7.2	8.4	7.2	7.8	6.8	7.3	6.3	---	---
25	6.8	6.7	8.0	6.8	---	---	8.1	7.0	7.6	6.5	7.4	6.9
26	6.8	6.6	8.2	6.9	---	---	8.4	6.9	6.9	6.0	7.5	6.8
27	6.9	6.6	8.4	7.0	---	---	8.3	7.2	6.3	5.7	6.8	6.7
28	7.0	6.8	8.2	7.0	---	---	7.8	7.0	5.9	5.3	8.1	7.3
29	7.0	6.7	7.6	6.6	---	---	7.6	6.9	5.6	5.0	8.1	7.3
30	6.9	6.7	7.1	6.2	---	---	8.3	6.8	5.5	4.9	8.0	7.2
31	---	---	7.0	6.1	---	---	7.1	6.7	6.1	5.0	---	---

02491500 BOGUE CHITTO AT FRANKLINTON, LA

LOCATION.--Lat 30°50'35", long 90°09'45", in SE1/4SE1/4 sec. 26, T. 2 S., R. 10 E., Washington Parish, Hydrologic Unit 03180005, at bridge on State Highway 10, 0.8 mi (1.3 km) west of Franklinton, and 3.5 mi (5.6 km) upstream from Lawrence Creek.

DRAINAGE AREA.--990 mi^2 (2,564 km^2), revised.

PERIOD OF RECORD.--August 1928 to September 1931, October 1938 to September 1957. February to September 1975, July 1976 to current year (gage heights and discharge measurements). Gage-height records collected in this vicinity since 1922 are contained in reports of the National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 123.81 ft (37.737 m) National Geodetic Vertical Datum of 1929. August 1928 to September 1931, nonrecording gage at site about 0.2 mi (0.3 km) downstream at datum 2.00 ft (0.610 m) higher. October 1938 to June 22, 1939, nonrecording gage; June 23, 1939, to September 1957 and February to September 1975, water-stage recorder at present site at datum 1.00 ft (0.305 m) higher.

AVERAGE DISCHARGE.--22 years (water years 1929-31, 1939-57), 1,596 ft^3/s (45.20 m^3/s), 22.00 in/yr (559 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed, 56,700 ft^3/s (1,610 m^3/s) Mar. 30, 1980, gage height, observed at crest, 20.55 ft (6.264 m) Mar. 30, 1980; minimum discharge, 350 ft^3/s (9.91 m^3/s) Nov. 6-8, 1938; minimum gage height, not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of April 1900 reached a stage of 29.6 ft (9.02 m), at former site and present datum, from floodmark.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.71 ft (3.264 m) Feb. 18; minimum, 0.72 ft (0.219 m) Sept. 28, 29-30.

DISCHARGE MEASUREMENTS MADE DURING YEAR

Date	Discharge
July 12, 1982	745
Aug. 9, 1982	1,450

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.91	.94	1.33	1.93	1.55	3.64	8.83	2.04	1.13	1.36	2.34	.92
2	.90	.94	1.33	1.94	1.78	2.92	4.93	2.06	1.12	1.26	2.24	.94
3	.90	.93	1.16	3.34	6.09	2.49	4.21	2.03	1.10	1.15	3.77	.90
4	.88	.92	1.14	3.35	5.67	2.29	3.03	1.97	1.10	1.10	4.60	.87
5	.88	.93	1.04	2.50	4.88	2.15	2.37	1.82	1.09	1.03	2.50	.84
6	.87	.93	1.04	2.15	4.05	2.14	2.07	1.70	1.05	1.01	1.78	.83
7	.87	.90	.97	1.88	2.83	3.98	1.85	1.60	1.01	1.05	1.73	.80
8	.86	.88	.97	4.63	2.47	3.94	1.73	3.87	1.00	1.28	2.06	.80
9	.86	.88	.97	4.31	2.28	3.48	1.65	3.00	1.00	1.33	2.31	.79
10	.91	.89	.96	3.48	2.88	2.82	1.60	2.66	1.00	1.78	2.09	.77
11	.92	.92	.95	2.44	2.86	2.44	1.58	1.94	1.00	1.43	1.69	.89
12	.92	.90	.97	2.06	2.65	2.25	1.48	1.68	.95	1.21	1.68	1.09
13	.92	.89	1.25	3.31	3.46	2.14	1.42	1.60	1.06	1.90	2.04	1.01
14	.91	.89	1.52	3.24	3.36	2.04	1.36	1.50	1.05	1.33	2.07	1.00
15	.96	.89	2.28	2.92	2.87	1.94	1.35	1.42	1.03	1.20	1.69	.90
16	.89	.89	2.01	2.64	5.89	1.87	1.41	1.41	1.02	1.27	1.77	1.00
17	.89	.89	1.73	2.38	9.59	1.84	1.35	1.34	1.11	1.27	1.58	.90
18	.88	.89	1.47	2.23	10.70	1.76	1.81	1.33	1.06	2.28	1.38	.84
19	.87	.89	1.32	2.10	9.03	1.70	1.55	1.31	1.02	1.64	1.45	.83
20	.84	.90	1.24	1.93	6.13	1.66	1.47	1.30	1.02	1.50	1.32	.80
21	.84	.88	1.20	1.83	3.77	1.64	5.29	1.30	1.01	1.31	1.26	.80
22	.84	.88	1.20	1.74	3.14	1.58	7.62	1.24	1.58	1.22	1.21	.78
23	.86	.88	1.27	1.70	2.76	1.54	7.22	1.26	4.74	1.65	1.13	.76
24	.86	.90	1.34	1.83	2.51	1.57	4.84	1.34	1.09	1.54	1.09	.76
25	.91	.91	2.39	1.72	2.35	1.70	3.13	1.32	1.07	2.31	1.07	.74
26	1.08	.90	1.85	1.78	2.17	1.57	2.62	1.30	1.13	2.94	1.00	.74
27	1.18	.93	1.63	1.64	2.61	1.48	2.36	1.34	1.98	1.55	.99	.75
28	1.09	.93	1.54	1.57	3.14	1.48	1.99	1.36	1.52	1.30	.97	.73
29	1.04	.92	1.51	1.53	---	1.44	2.30	1.22	1.54	1.13	.92	.72
30	.97	.93	1.49	1.50	---	1.44	2.10	1.20	5.36	1.27	.91	.72
31	.94	---	1.47	1.50	---	4.43	---	1.15	---	2.17	.92	---
MAX	1.18	.94	2.39	4.63	10.70	4.43	8.83	3.87	5.36	2.94	4.60	1.09
MIN	.84	.88	.95	1.50	1.55	1.44	1.35	1.15	.95	1.01	.91	.72

02492000 BOGUE CHITTO NEAR BUSH, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°37'45", long 89°53'50", in SE1/4NE1/4 lot 42, T. 5 S., R. 13 E., St. Tammany Parish, Hydrologic Unit 0381005, near center of span on downstream side of bridge on State Highway 21, 0.2 mi (0.3 km) Illinois Central Gulf Railroad bridge, and 1.4 mi (2.3 km) north of Bush.

DRAINAGE AREA.--1,213 mi^2 (3,142 km^2), revised.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1937 to current year.

GAGE.--Water-stage recorder. Datum of gage is 44.25 ft (13.487 m) National Geodetic Vertical Datum of 1929 (levels by Corp of Engineers). Prior to July 22, 1954, nonrecording gage at same site and datum.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--45 years, 1,916 ft^3/s (54.26 m^3/s), 21.45 in/yr (545 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 57,400 ft^3/s (1,630 m^3/s) Mar. 31, 1980, gage height, 17.31 ft (5.276 m); minimum, 366 ft^3/s (10.4 m^3/s) Oct. 22, 23, 26, 29, 1968; minimum gage height, 0.7 ft (0.21 m) Oct. 1, 1937, Oct. 29-31, 1940, Oct. 22-27, 1941.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 11,000 ft^3/s or 230 m^3/s (revised) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Feb. 19	1430	*13100	371	*11.44	3.487

Minimum discharge, 520 ft^3/s (14.7 m^3/s) Oct. 22, Sept. 30, gage height, 2.95 ft (0.899 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	586	593	707	1140	1020	2610	5240	1650	710	896	1670	653
2	586	609	662	1390	1990	2670	9910	1690	695	865	2960	639
3	577	606	797	1480	5510	2090	6770	1700	679	781	3330	637
4	574	593	713	2460	7350	1760	4550	1580	668	716	3500	619
5	569	607	676	2240	6770	1550	3000	1400	659	673	3300	603
6	567	600	647	1670	5160	1460	2110	1240	646	645	1930	587
7	566	591	624	1430	3520	1890	1690	1140	631	705	1330	571
8	567	576	621	2070	2620	2900	1460	1360	619	772	1260	565
9	576	572	614	3170	1960	2870	1330	2400	608	797	1570	552
10	616	571	607	3250	2130	2570	1240	2050	600	981	1550	552
11	649	577	599	2530	2390	1970	1200	1690	597	1270	1360	595
12	646	578	608	1720	2250	1660	1140	1270	588	1160	1190	817
13	619	571	672	1770	2450	1490	1080	1090	621	1110	1570	865
14	600	568	825	2670	2820	1380	1040	1020	645	1110	1390	838
15	583	572	1200	2710	2720	1290	1020	972	630	881	1300	796
16	576	575	1330	2250	2940	1220	1010	935	618	819	1200	789
17	571	574	1170	1900	5250	1170	1070	902	650	933	1360	747
18	567	573	1000	1660	9750	1140	1240	901	667	982	1130	676
19	561	572	886	1500	12800	1090	1300	858	628	1330	1060	631
20	551	578	910	1370	11300	1050	1150	842	607	1070	1100	610
21	544	567	768	1250	7300	1020	1860	818	633	932	971	607
22	536	564	753	1170	3890	1050	4780	798	1020	867	898	582
23	551	568	751	1120	2690	1040	8500	806	1140	832	840	563
24	553	581	825	1130	2160	1020	9140	826	861	962	779	557
25	556	588	1060	1130	1900	1070	6560	859	721	927	741	556
26	616	585	1340	1090	1740	1060	4250	819	716	1100	716	551
27	587	598	1130	1040	1730	982	3170	803	872	1270	702	546
28	688	597	1090	1040	2060	967	2710	843	1160	944	678	536
29	554	593	1000	1050	---	926	2140	797	1100	802	658	528
30	616	620	968	1030	---	908	1750	758	1040	784	649	522
31	602	---	930	1010	---	1530	---	728	---	1210	677	---
TOTAL	18406	17473	26665	52520	115970	47271	93410	35565	22029	29126	43364	18870
MEAN	594	582	860	1694	4142	1525	3114	1147	734	940	1399	629
MAX	688	620	1340	3250	12800	2900	9910	2400	1160	1330	3500	865
MIN	536	564	599	1010	1020	908	1010	728	588	645	649	522
CFSM	.49	.48	.70	1.40	3.42	1.26	2.57	.95	.61	.78	1.15	.52
IN.	.56	.54	.81	1.61	3.56	1.45	2.86	1.09	.68	.89	1.33	.58

CAL YR 1981 TOTAL 433191 MEAN 1187 MAX 11400 MIN 536 CFSM .98 IN 13.28
WTR YR 1982 TOTAL 520352 MEAN 1426 MAX 12800 MIN 522 CFSM 1.18 IN 15.96

02492000 BOGUE CHITTO NEAR BUSH, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.12	3.13	3.42	4.47	4.19	7.04	9.15	5.58	3.43	3.89	5.58	3.28
2	3.11	3.12	3.75	5.05	5.95	7.12	10.79	5.65	3.39	3.81	7.54	3.25
3	3.09	3.11	3.64	5.23	9.41	6.37	9.93	5.67	3.35	3.60	8.02	3.24
4	3.09	3.13	3.43	6.83	10.14	5.74	8.94	5.42	3.32	3.44	8.17	3.20
5	3.07	3.17	3.34	6.60	9.95	5.37	7.58	5.07	3.30	3.33	7.92	3.16
6	3.07	3.15	3.27	5.60	9.29	5.20	6.38	4.72	3.26	3.26	6.06	3.12
7	3.06	3.13	3.22	5.13	8.14	5.82	5.64	4.51	3.23	3.41	4.92	3.08
8	3.07	3.09	3.20	6.23	6.80	7.49	5.19	4.94	3.20	3.58	4.77	3.01
9	3.07	3.08	3.19	7.85	6.16	7.48	4.92	6.76	3.17	3.64	5.41	3.03
10	3.19	3.08	3.17	7.93	6.43	6.98	4.74	6.31	3.15	4.10	5.38	3.03
11	3.27	3.09	3.15	6.97	6.76	6.18	4.65	5.64	3.14	4.78	4.98	3.14
12	3.27	3.09	3.17	5.70	6.61	5.58	4.51	4.80	3.12	4.54	4.62	3.69
13	3.20	3.08	3.33	5.79	6.84	5.24	4.36	4.39	3.20	4.41	5.40	3.81
14	3.15	3.07	3.71	7.13	7.40	5.02	4.26	4.19	3.26	4.42	5.04	3.75
15	3.11	3.08	4.61	7.19	7.21	4.84	4.20	4.08	3.22	3.85	4.87	3.64
16	3.09	3.09	4.93	6.61	7.52	4.70	4.17	3.99	3.19	3.70	4.64	3.62
17	3.08	3.08	4.57	6.05	9.28	4.59	4.32	3.90	3.28	3.98	4.97	3.52
18	3.07	3.08	4.16	5.59	10.73	4.49	4.73	3.88	3.32	4.11	4.48	3.34
19	3.05	3.08	3.86	5.28	11.39	4.38	4.85	3.80	3.22	4.91	4.31	3.23
20	3.03	3.09	3.67	5.00	11.09	4.29	4.59	3.75	3.17	4.34	4.40	3.17
21	3.01	3.07	3.57	4.76	10.08	4.20	5.81	3.70	3.23	3.98	4.08	3.17
22	2.99	3.06	3.53	4.58	8.44	4.27	9.01	3.65	4.19	3.82	3.90	3.11
23	3.03	3.07	3.53	4.46	7.17	4.24	10.44	3.66	4.51	3.73	3.75	3.06
24	3.03	3.10	3.71	4.49	6.50	4.21	10.61	3.72	3.80	4.06	3.59	3.04
25	3.06	3.12	4.24	4.49	6.05	4.32	9.87	3.80	3.45	3.97	3.50	3.04
26	3.19	3.11	4.93	4.38	5.74	4.30	8.74	3.70	3.44	4.40	3.44	3.03
27	3.37	3.14	4.48	4.36	5.72	4.10	7.84	3.66	3.83	4.79	3.40	3.02
28	3.37	3.14	4.23	4.25	6.29	4.02	7.20	3.76	4.56	4.81	3.35	2.99
29	3.29	3.13	4.15	4.27	---	3.96	6.44	3.64	4.39	3.66	3.29	2.97
30	3.19	3.20	4.02	4.22	---	3.92	5.77	3.55	4.26	3.61	3.27	2.96
31	3.15	---	3.97	4.18	---	5.19	---	3.47	---	4.65	3.34	---
MAX	3.37	3.20	4.93	7.93	11.39	7.49	10.79	6.76	4.56	4.91	8.17	3.81
MIN	2.99	3.06	3.15	4.18	4.19	3.92	4.17	3.47	3.12	3.26	3.27	2.96

02492000 BOGUE CHITTO NEAR BUSH, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953-55, 1965-68, 1973 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1974 to September 1981 (discontinued).
WATER TEMPERATURES: October 1974 to September 1981 (discontinued).

INSTRUMENTATION.--Water-quality monitor October 1975 to September 1981 (discontinued).

REMARKS.--Lower limit of conductivity sensor was 28 micromhos prior to September 16, 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 402 micromnos July 11, 1976; minimum, 13 micromhos Feb. 10, 1981.
WATER TEMPERATURES: Maximum, 33.0°C June 26, 1977, July 24, 25, 1981; minimum, 5.0°C Jan. 19, 20, 1977, Jan. 20, 21, 1978.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (FTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 08...	1345	568	40	6.3	24.0	10	5.5	8.0	.8	1000
DEC 10...	1045	610	45	6.1	12.5	15	3.0	10.5	1.8	400
FEB 10...	1230	2120	46	6.2	11.5	30	15	9.8	1.0	640
APR 08...	1315	1460	45	6.2	18.5	30	9.2	8.7	.8	K150
JUN 04...	1115	664	45	6.4	28.5	20	3.4	7.3	1.4	120
AUG 11...	1250	1360	47	5.9	27.5	50	17	6.7	1.3	K3800

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)
OCT 08...	14000	9	2.1	.8	4.9	1.1	9	1.7	6.4	<.1
DEC 10...	K35	9	2.4	.8	4.8	1.1	8	1.9	6.7	<.1
FEB 10...	790	9	2.0	1.0	3.2	1.5	8	3.0	6.0	<.1
APR 08...	9400	10	2.5	1.0	3.8	1.3	8	5.0	5.4	<.1
JUN 04...	K130	9	2.1	1.0	4.1	1.2	9	<1.0	7.2	<.1
AUG 11...	1200	9	2.1	.9	3.4	1.7	7	2.0	5.4	<.1

DATE	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
OCT 08...	13	34	35	.12	.07	.21	--	--	.08
DEC 10...	11	36	34	--	-	.19	.04	--	--
FEB 10...	9.6	45	31	.32	.12	.69	.07	.03	.02
APR 08...	11	38	35	.30	.09	.41	.07	.03	.03
JUN 04...	11	37	--	.20	.07	.30	.05	.02	<.01
AUG 11...	10	43	30	.26	.03	.50	.08	.08	.05

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

02492000 BOGUE CHITTO NEAR BUSH, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	BARIUM, DIS-SOLVED (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO)	COBALT, DIS-SOLVED (UG/L AS CO)
OCT 08...	3	2	100	20	<1	1	10	10	<1	<1
DEC 10...	1	0	<100	23	<1	1	20	10	<1	<1
APR 08...	1	1	100	39	1	<1	20	10	1	<1
JUN 04...	1	1	<100	29	<1	<1	10	<10	<1	<1

DATE	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)
OCT 08...	6	5	610	240	13	<1	80	52	<.1
DEC 10...	7	3	650	150	7	<1	50	44	.1
APR 08...	<1	<1	850	370	5	2	130	120	.1
JUN 04...	4	3	670	140	1	2	90	40	<.1

DATE	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG)	SILVER, DIS-SOLVED (UG/L AS AG)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT 08...	<.1	4	1	<1	<1	<1	1	50	6
DEC 10...	.1	2	<1	<1	<1	<1	<1	50	20
APR 08...	<.1	<1	<1	<1	<1	<1	<1	10	10
JUN 04...	<.1	4	2	<1	<1	<1	<1	30	14

DATE	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	CHLOR-DANE, TOTAL (UG/L)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT 08...	--	1	--	<1.0	--	<.1	--	2.0	--	.3	--	<.1
FEB 26...	<.10	--	<.10	--	<.01	--	<.10	--	<.01	--	<.01	--
APR 08...	<.10	2	<.10	<1.0	<.01	<.1	<.10	3.0	<.01	.2	<.01	<.1

< Actual value is known to be less than the value shown.

02492000 BOGUE CHITTO NEAR BUSH, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DI-AZINON, TOTAL (UG/L)	DI-ELDRIN TOTAL (UG/L)	DI-ELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDO-SULFAN, TOTAL (UG/L)	ENDO-SULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)
OCT											
08...	--	<.1	--	--	<.1	--	<.1	--	<.1	--	--
FEB											
26...	<.01	--	.03	<.01	--	<.01	--	<.01	--	<.01	<.01
APR											
08...	<.01	.1	.01	<.01	.2	<.01	<.1	<.01	<.1	<.01	<.01

DATE	HEPTA-CHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METH-OXY-CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)
OCT											
08...	<.1	--	<.1	--	<.1	--	--	<.1	--	--	--
FEB											
26...	--	<.01	--	<.01	--	<.01	<.01	--	<.01	<.01	<.01
APR											
08...	<.1	<.01	<.1	<.01	<.1	<.01	<.01	<.1	<.01	<.01	<.01

DATE	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	PER-THANE IN BOTTOM MATERIL (UG/KG)	TOX-APHENE, TOTAL (UG/L)	TOXA-PHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT											
08...	<.1	--	--	<.10	--	<1.0	--	--	--	--	--
FEB											
26...	--	<.01	<.01	--	<.1	--	<.01	<.01	<.01	<.01	<.01
APR											
08...	.2	<.01	<.10	<1.00	<1	<10	<.01	<.01	<.01	<.01	<.01

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
08...	44	67	56
DEC			
10...	75	124	77
FEB			
10...	76	435	74
APR			
07...	48	189	80
JUN			
04...	49	88	74
AUG			
11...	154	565	54

< Actual value is known to be less than the value shown.

02492600 PEARL RIVER AT PEARL RIVER, LA

LOCATION.--Lat 30°23'06", long 89°44'12", in NW1/4NW1/4 sec. 6, T.8 S., R.15 E., St. Helena meridian, St. Tammany Parish, Hydrologic Unit 03180004, on left bank on downstream side of Norfolk and Southern Railroad bridge over West Pearl River, 700 ft (213 m) upstream from Interstate Highway 59, and 0.8 mi (1.3 km) northeast of town of Pearl River.

DRAINAGE AREA.--8,494 mi^2 (21,999 km^2), revised, includes East Pearl River.

PERIOD OF RECORD.--October 1963 to September 1970. October 1975 to current year (gage heights and discharge measurements only). Daily discharge records October 1961 to September 1963 and gage heights only October 1970 to September 1975 in files of Corps of Engineers, Mobile district. Gage-height records since June 1906 are in reports of National Weather Service and gage-height records October 1899 to May 1906 (collected by Southern Railway System) are in files of National Weather Service, Meridian, MS.

REVISED RECORDS.--WDR-LA-81-2: 1980 (M).

GAGE.--Water-stage recorder. Datum of gage is 0.05 ft or 0.015 m (corrected) below National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers, Mobile District). Prior to September 1970, supplemental gage located on East Pearl River at different datum for the determination of daily mean discharge for the entire flood plain.

REMARKS.--Records of daily discharge are the combined flow of the entire flood plain of the West and East Pearl Rivers. Records since October 1975 represent stages for the West Pearl River only.

AVERAGE DISCHARGE.--7 years (water years 1964-70) 9,470 ft^3/s (268.2 m^3/s), 14.97 in/yr (380 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed, 173,800 ft^3/s (4,922 m^3/s) Apr. 2, 1980; maximum gage height, 19.75 ft (6.020 m), from floodmark, Apr. 1, 1980, discharge not determined; minimum daily discharge, 1,580 ft^3/s (44.7 m^3/s) Oct. 24, Nov. 10, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed since October 1899 is that of Apr. 26, 1979. Flood of 1874 reached a stage of 20.2 ft (6.16 m), furnished by Corps of Engineers. Southern Railway System reported a stage of 19.7 ft (6.00 m) Apr. 19, 1900.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.81 ft (4.514 m) Feb. 21; minimum, 2.90 ft (0.884 m) Oct. 8.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.25	5.06	3.55	5.60	10.68	12.50	12.28	13.03	4.52	5.78	4.96	4.07
2	3.24	4.84	3.53	6.04	10.64	12.16	13.23	12.99	4.28	5.76	6.18	4.00
3	3.12	4.48	3.86	6.64	11.45	12.01	13.93	13.01	4.19	5.39	7.74	3.95
4	3.17	4.15	4.17	7.74	12.58	12.00	13.64	12.95	4.07	4.90	8.64	3.86
5	3.10	3.93	4.07	9.14	13.56	11.89	12.83	12.84	3.91	4.66	9.26	3.86
6	3.03	3.78	3.85	9.94	13.90	11.75	11.87	12.64	3.84	4.68	10.20	3.85
7	2.96	3.52	3.79	10.10	13.78	11.48	10.77	12.26	3.80	4.68	10.74	3.88
8	2.91	3.57	3.79	10.14	13.42	11.23	9.84	11.83	3.73	4.52	10.71	3.95
9	3.13	3.55	3.67	10.31	12.90	11.23	9.09	11.03	3.66	4.39	10.75	3.71
10	3.00	3.41	3.58	10.68	12.33	11.65	8.47	10.15	3.54	4.17	10.65	3.78
11	3.01	3.26	3.39	10.78	11.86	11.71	8.02	9.41	3.48	4.45	10.46	3.68
12	3.18	3.15	3.39	10.41	11.61	11.71	7.85	8.54	3.50	5.12	9.98	3.80
13	3.46	3.16	3.51	10.04	11.56	11.68	7.81	7.58	3.40	5.40	9.30	4.03
14	3.64	3.28	3.67	9.92	11.36	11.65	7.80	6.99	3.48	5.21	8.91	4.26
15	3.98	3.22	4.10	10.06	11.41	11.34	7.80	6.88	3.69	4.97	8.60	4.23
16	4.07	3.27	4.72	9.98	11.54	11.07	7.87	6.47	3.64	4.65	8.42	4.13
17	3.83	3.11	5.61	9.41	11.28	10.68	7.89	6.12	3.64	4.37	8.19	3.98
18	3.52	3.08	6.00	3.71	11.36	10.24	8.42	5.89	3.75	4.38	8.12	3.95
19	3.16	3.17	6.15	7.15	12.71	9.84	8.46	5.54	3.92	4.45	7.65	4.01
20	3.09	3.09	6.20	5.21	14.11	9.51	7.88	5.48	3.82	4.67	7.21	3.87
21	3.11	2.94	6.02	---	14.64	9.19	7.42	5.48	3.75	5.08	6.66	3.91
22	3.07	3.00	5.76	8.58	14.72	8.63	7.85	5.23	4.33	5.07	6.23	3.64
23	3.08	3.00	5.48	8.70	14.51	8.35	9.56	5.09	4.74	4.89	6.15	3.52
24	2.98	3.15	5.19	8.70	14.28	8.07	11.74	5.25	5.41	4.73	5.99	3.43
25	3.21	3.03	5.14	8.64	14.08	8.00	13.64	5.12	4.95	5.12	5.64	3.31
26	3.56	3.23	5.27	8.59	13.76	8.67	13.84	5.11	4.38	5.19	5.26	3.28
27	3.29	3.29	5.97	8.61	13.46	9.67	13.66	4.96	4.16	5.02	4.96	3.25
28	3.32	3.33	6.27	9.39	13.04	10.37	13.43	4.80	4.33	5.00	4.73	3.25
29	3.56	3.32	5.90	10.10	---	10.89	13.31	4.90	4.94	4.98	4.51	3.29
30	4.13	3.36	5.68	10.51	---	11.23	13.15	4.88	5.36	4.78	4.31	3.41
31	4.93	---	5.69	10.67	---	11.59	---	4.79	---	4.66	4.17	---
MAX	4.93	5.06	6.27	10.78	14.72	12.50	13.93	13.03	5.41	5.78	10.75	4.26
MIN	2.91	2.94	3.39	3.71	10.64	8.00	7.42	4.79	3.40	4.17	4.17	3.25

MISSISSIPPI RIVER MAIN STEM

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS

LOCATION.--Lat 31°00'30", long 91°37'25", in lot 6, T. 1 N., R. 5 W., Wilkinson County, Hydrologic Unit 08060100, near left bank at Tarbert Landing, 2.5 mi (4.0 km) upstream from Lower Old River, 8.2 mi (13.2 km) downstream from inlet channel to Old River Control Structure, and at river mile 306.3 (492.8 km).

DRAINAGE AREA.--1,124,900 mi^2 (2,913,500 km^2), contributing.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1972 to September 1981 (see NOTE). Elevation, intermittently, 1932 to September 1981 discharge, intermittently, 1911-13, 1928-29, and 1932-36; and discharges computed daily since 1936 are in reports of Corps of Engineers.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Natural flow of stream affected by many reservoirs and navigation dams. Since July 12, 1963, all of the Red River flow is noncontributing and controlled diversion of the Mississippi River flow into Atchafalaya River basin by way of Old River Control Structure.

COOPERATION.--Records of elevation and daily discharges furnished by Corps of Engineers.

AVERAGE DISCHARGE.--9 years (water years 1973-81), 517,000 ft^3/s (14,640 m^3/s), 374,327,000 acre-ft/yr (480 km^3/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,500,000 ft^3/s (42,500 m^3/s) May 16, 1973, elevation, 54.61 ft (16.645 m); minimum daily, 145,000 ft^3/s (4,110 m^3/s) Jan. 28, 1981.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed since at least 1936, 1,980,000 ft^3/s (56,100 m^3/s) Feb. 19, 1937; minimum, 85,000 ft^3/s (2,410 m^3/s) Nov. 4, 1939.

EXTREMES FOR CURRENT YEAR.--Water year 1981: Maximum discharge, 775,100 ft^3/s (22,000 m^3/s) June 18, elevation, 44.15 ft (13.457 m); minimum daily, 145,000 ft^3/s (4,110 m^3/s) Jan. 28.

NOTE.--Records for the 1982 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	264000	218000	248000	180000	148000	334000	254000	462000	680000	685000	425000	286000
2	267000	216000	247000	175000	150000	352000	251000	464000	692000	671000	434000	282000
3	270000	217000	251000	170000	156000	376000	253000	463000	694000	684000	443000	278000
4	270000	226000	250000	166000	164000	395000	256000	460000	702000	662000	459000	274000
5	268000	229000	264000	163000	174000	438000	259000	456000	700000	642000	477000	269000
6	263000	229000	274000	164000	187000	452000	261000	450000	697000	627000	490000	266000
7	264000	229000	278000	158000	195000	476000	264000	441000	694000	616000	499000	267000
8	273000	229000	273000	157000	203000	500000	270000	433000	693000	605000	505000	274000
9	270000	229000	273000	157000	207000	515000	279000	419000	704000	589000	505000	284000
10	267000	229000	274000	158000	221000	513000	290000	401000	713000	574000	499000	298000
11	259000	228000	268000	158000	242000	510000	293000	387000	724000	565000	491000	313000
12	254000	226000	260000	157000	262000	507000	292000	389000	732000	556000	476000	328000
13	249000	225000	253000	155000	290000	488000	290000	393000	739000	551000	457000	335000
14	245000	225000	255000	153000	306000	471000	295000	396000	748000	553000	438000	342000
15	240000	225000	264000	150000	315000	451000	300000	399000	755000	555000	424000	348000
16	237000	225000	268000	149000	313000	432000	303000	403000	761000	559000	412000	352000
17	234000	203000	270000	148000	320000	428000	307000	401000	767000	556000	399000	342000
18	232000	204000	272000	147000	311000	413000	308000	398000	773000	545000	392000	329000
19	226000	207000	272000	146000	305000	396000	303000	403000	758000	527000	382000	312000
20	220000	209000	284000	147000	306000	384000	300000	422000	755000	502000	369000	301000
21	215000	209000	293000	148000	301000	359000	302000	438000	754000	477000	358000	288000
22	211000	217000	297000	147000	294000	338000	307000	451000	753000	452000	349000	277000
23	210000	236000	290000	147000	293000	318000	323000	464000	753000	428000	340000	269000
24	210000	234000	279000	146000	293000	299000	349000	480000	747000	407000	332000	265000
25	209000	240000	264000	146000	293000	280000	369000	505000	743000	387000	330000	260000
26	209000	240000	248000	146000	284000	265000	389000	542000	737000	378000	319000	254000
27	212000	243000	234000	146000	293000	257000	408000	585000	729000	375000	316000	248000
28	217000	251000	222000	145000	310000	252000	425000	615000	720000	385000	310000	243000
29	218000	255000	209000	147000	---	248000	443000	644000	706000	398000	307000	239000
30	218000	255000	202000	147000	---	253000	456000	656000	698000	410000	301000	231000
31	218000	---	191000	147000	---	261000	---	670000	---	416000	294000	---
TOTAL	7419000	6808000	8027000	4770000	7136000	11961000	9399000	14490000	21821000	16337000	12532000	8654000
MEAN	239300	226900	258900	153900	254900	385800	313300	467400	727400	527000	404300	288500
MAX	273000	255000	297000	180000	320000	515000	456000	670000	773000	685000	505000	352000
MIN	209000	203000	191000	145000	148000	248000	251000	387000	680000	375000	294000	231000
AC-FT	14720000	13500000	15920000	9461000	14150000	23720000	18640000	28740000	43280000	32400000	24860000	17170000

CAL YR 1980 TOTAL 160095000 MEAN 437400 MAX 1050000 MIN 191000 AC-FT 317500000
WTR YR 1981 TOTAL 129354000 MEAN 354400 MAX 773000 MIN 145000 AC-FT 256600000

MISSISSIPPI RIVER MAIN STEM

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.17	15.45	18.28	14.23	11.70	23.70	19.88	31.60	40.35	40.62	28.03	19.97
2	19.41	15.32	18.36	13.88	12.03	25.07	18.70	31.71	40.93	40.01	28.55	19.65
3	19.52	15.35	18.50	13.53	12.35	26.87	18.82	31.64	41.00	40.58	29.09	19.35
4	19.57	15.72	18.88	13.30	12.85	28.38	19.10	31.26	41.35	39.62	29.98	19.10
5	19.43	16.17	19.43	13.02	13.45	30.95	19.22	30.98	41.21	38.87	30.95	18.80
6	19.07	16.41	20.22	12.90	14.27	31.65	19.30	30.38	41.15	38.20	31.72	18.65
7	19.13	16.43	19.89	12.74	14.94	32.82	19.54	29.60	40.98	37.79	32.20	18.70
8	19.84	16.40	19.87	12.55	15.62	33.70	19.98	28.79	40.97	37.25	32.54	19.20
9	19.64	16.40	19.95	12.56	16.17	34.30	20.60	27.67	41.39	36.60	32.55	19.74
10	19.35	16.45	19.93	12.65	17.11	34.21	21.25	26.65	41.85	35.90	32.15	20.61
11	18.80	16.30	19.40	12.70	18.41	34.08	21.49	26.00	42.28	35.45	31.77	21.60
12	18.40	16.20	18.80	12.59	19.85	33.80	21.34	26.11	42.65	35.10	30.90	22.40
13	18.00	16.10	18.70	12.44	20.90	33.20	21.27	26.29	42.95	34.88	29.90	22.83
14	17.65	16.02	19.02	12.25	22.20	32.44	21.45	26.47	43.27	34.96	28.82	23.27
15	17.32	15.79	19.46	12.05	22.45	31.46	21.79	26.70	43.56	35.05	28.00	23.63
16	17.09	15.77	19.60	11.76	22.30	30.50	21.98	26.84	43.77	35.25	27.29	23.79
17	16.83	15.38	19.68	11.71	22.17	29.70	22.23	26.73	43.97	35.10	26.64	23.26
18	16.58	15.75	19.70	11.70	21.57	28.80	22.27	26.51	44.15	34.55	26.10	22.40
19	16.23	15.88	19.72	11.50	21.90	27.80	22.02	26.86	43.65	33.64	25.57	21.41
20	15.65	15.93	20.49	11.70	21.64	27.01	21.77	28.00	43.57	32.43	24.85	20.64
21	15.17	16.11	21.16	11.74	21.33	25.55	21.94	28.82	43.54	30.87	24.15	20.04
22	14.81	16.92	21.33	11.67	21.16	24.30	22.29	29.52	43.52	29.54	23.65	19.36
23	14.70	17.37	20.89	11.66	21.13	23.00	23.35	30.25	43.46	28.25	23.08	18.85
24	14.65	17.86	20.29	11.52	21.17	21.66	25.05	31.15	43.33	27.00	22.67	18.61
25	14.51	17.78	19.41	11.42	20.65	20.50	26.35	32.61	43.17	25.91	22.50	18.25
26	14.58	17.85	18.42	11.50	20.55	19.59	27.45	34.52	42.89	25.38	21.93	17.90
27	14.88	18.21	17.72	11.50	21.14	19.10	28.51	36.40	42.44	25.15	21.70	17.51
28	15.33	18.55	17.02	11.54	22.30	18.75	29.60	37.71	41.99	25.77	21.35	17.23
29	15.41	18.69	16.25	11.62	---	18.49	30.68	38.89	41.48	26.55	21.17	16.88
30	15.40	18.51	15.64	11.68	---	18.85	31.25	39.44	41.03	27.18	20.80	16.45
31	15.40	---	14.93	11.65	---	19.30	---	40.02	---	27.54	20.35	---
MAX	19.84	18.69	21.33	14.23	22.45	34.30	31.25	40.02	44.15	40.62	32.55	23.79
MIN	14.51	15.32	14.93	11.42	11.70	18.49	18.70	26.00	40.35	25.15	20.35	16.45

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1973-81.

PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT DISCHARGE: October 1972 to September 1981.

REMARKS.--Records for the 1982 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

COOPERATION.--Samples for suspended-sediment analysis are collected by the Corps of Engineers and analyzed by the Geological Survey. Daily suspended-sediment discharge records are computed by the Geological Survey and reviewed by the Corps of Engineers. Corps of Engineers station 01100.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily mean, 2,290,000 tons (2,080,000 tonnes) Oct. 6, 1975; minimum daily mean 24,000 tons (21,800 tonnes) Aug. 15, 1977.

WATER QUALITY DATA, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT				
07...	250000	182	123000	97
20...	188000	268	136000	100
NOV				
04...	202000	214	117000	94
18...	206000	165	91800	97
DEC				
02...	265000	193	138000	92
16...	270000	139	101000	90
31...	203000	198	109000	97
JAN				
12...	176000	144	68400	88
26...	166000	109	48900	97
FEB				
10...	241000	288	187000	92
24...	302000	212	173000	85
MAR				
10...	577000	491	765000	77
24...	297000	213	171000	90
APR				
07...	281000	318	241000	94
21...	325000	171	150000	87
MAY				
05...	461000	416	518000	89
19...	396000	231	247000	76
JUN				
02...	752000	523	1060000	81
16...	755000	357	728000	77
30...	652000	369	650000	97
JUL				
14...	518000	641	897000	83
31...	380000	392	402000	90
AUG				
14...	397000	512	549000	89
25...	296000	309	247000	94
SEP				
25...	238000	265	170000	93

MISSISSIPPI RIVER MAIN STEM

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	141000	118000	138000	97000	64000	260000	177000	457000	992000	661000	424000	194000
2	140000	114000	138000	91000	68000	296000	180000	477000	1060000	672000	447000	189000
3	140000	114000	137000	86000	76000	344000	190000	493000	1030000	732000	470000	185000
4	137000	117000	132000	81000	87000	389000	202000	506000	1010000	728000	508000	181000
5	132000	120000	141000	78000	100000	484000	215000	517000	963000	727000	553000	175000
6	125000	122000	145000	78000	118000	530000	227000	487000	919000	735000	589000	172000
7	123000	121000	144000	73000	133000	601000	241000	453000	877000	751000	617000	173000
8	134000	121000	135000	71000	149000	680000	238000	422000	842000	766000	640000	182000
9	136000	120000	131000	70000	160000	742000	240000	384000	832000	770000	651000	194000
10	138000	119000	128000	70000	187000	764000	244000	342000	819000	776000	647000	211000
11	135000	117000	119000	70000	211000	727000	236000	310000	809000	795000	639000	231000
12	135000	115000	109000	68000	232000	692000	223000	301000	793000	814000	615000	251000
13	135000	113000	101000	66000	267000	622000	210000	295000	776000	844000	581000	261000
14	135000	112000	99000	63000	281000	562000	205000	288000	762000	895000	548000	271000
15	135000	111000	102000	60000	284000	500000	201000	281000	745000	885000	504000	280000
16	136000	110000	101000	59000	269000	502000	194000	276000	727000	881000	466000	286000
17	137000	92000	107000	57000	269000	422000	189000	264000	739000	857000	429000	272000
18	140000	92000	113000	56000	245000	381000	181000	251000	751000	813000	404000	254000
19	138000	95000	119000	54000	228000	340000	167000	247000	728000	753000	376000	232000
20	136000	97000	134000	54000	220000	310000	156000	277000	725000	679000	344000	218000
21	129000	97000	148000	54000	205000	265000	150000	307000	725000	610000	318000	202000
22	124000	104000	158000	52000	189000	229000	160000	335000	725000	545000	295000	189000
23	121000	122000	158000	52000	180000	198000	182000	365000	727000	487000	275000	180000
24	120000	120000	155000	50000	173000	171000	216000	402000	719000	438000	256000	176000
25	118000	126000	147000	50000	179000	158000	247000	456000	714000	394000	247000	170000
26	116000	127000	137000	49000	176000	150000	281000	535000	706000	371000	233000	162000
27	118000	131000	130000	51000	192000	148000	317000	635000	695000	359000	229000	153000
28	122000	139000	124000	52000	220000	148000	353000	719000	681000	370000	222000	146000
29	121000	144000	116000	56000	---	150000	394000	808000	660000	385000	219000	141000
30	120000	144000	114000	58000	---	162000	430000	866000	649000	399000	211000	131000
31	119000	---	108000	61000	---	178000	---	932000	---	402000	203000	---
TOTAL	4036000	3494000	3968000	1987000	5162000	12105000	6846000	13688000	23900000	20294000	13160000	6062000
MEAN	130000	116000	128000	64100	184000	390000	228000	442000	797000	655000	425000	202000
MAX	141000	144000	158000	97000	284000	764000	430000	932000	1060000	895000	651000	286000
MIN	116000	92000	99000	49000	64000	148000	150000	247000	649000	359000	203000	131000

WTR YR 1981 TOTAL 114702000 MEAN 314000 MAX 1060000 MIN 49000

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°45'30", long 91°23'45", in lot 31, T.3 S., R.11 E., Pointe Coupee-West Feliciana Parish line, Hydrologic Unit 08070100, at State Highway 10 Ferry Crossing, 2.0 mi (3.2 km) southwest of St. Francisville, and at mile 266.0 (428.0 km).

DRAINAGE AREA.--1,125,300 mi^2 (2,914,500 km^2), contributing.

PERIOD OF RECORD.--Water years 1954 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: August 1954 to September 1972, October 1974 to current year.
WATER TEMPERATURES: August 1954 to September 1972, October 1974 to current year.
SULFATE: October 1974 to September 1978.
CHLORIDE: October 1974 to current year.
DISSOLVED SOLIDS: October 1978 to current year.

REMARKS.--See records of daily discharge for Mississippi River at Tarbert Landing, MS (station 07295100). Corps of Engineers station 01139. Sediment data revised for 1981 water year.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 683 micromhos Oct. 16, 1955; minimum daily, 173 micromhos Apr. 15, 1955.
WATER TEMPERATURES: Maximum daily, 31.0°C on several days during July, Aug. 1955, Aug. 1956, July 1962, July 1965, Aug. 1966, July 1977, July 14, 1978, July 17, 23, 1980, July 24, 1981; minimum daily, 1.0°C Jan. 29, 30, 1961.
SULFATE: Maximum daily, 90 mg/L Oct. 14, 1957; minimum daily, 21 mg/L May 20, 1978.
CHLORIDE: Maximum daily, 63 mg/L July 5, 1977; minimum daily, 9.0 mg/L Dec. 29, 1978.
DISSOLVED SOLIDS: Maximum, 321 mg/L Jan. 21-31, 1981; minimum, 150 mg/L Dec. 21-31, 1978.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum daily, 523 micromhos Oct. 8; minimum daily, 262 micromhos Feb. 16-18.
WATER TEMPERATURES: Maximum daily, 29.0°C July 9-11, 14, 15, 17; minimum daily, 4.5°C Feb. 17-19.
CHLORIDE: Maximum daily, 43 mg/L Nov. 9, 13; minimum daily, 13 mg/L Sept. 27.
DISSOLVED SOLIDS: Maximum, 316 mg/L Dec. 1-10; minimum, 168 mg/L Feb. 11-20.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 09...	1200	522	7.9	22.0	5	40	<1.0	8.2	15	.6	K2000	270
NOV 02...	1345	511	7.6	16.5	5	30	<1.0	10.0	<10	.9	340	K32
DEC 07...	1345	510	7.6	11.0	10	29	<1.0	11.0	10	1.9	300	K40
JAN 11...	1300	384	7.2	5.0	15	100	<1.0	11.6	44	6.2	1300	110
FEB 17...	1430	251	7.2	4.0	30	130	<1.0	12.1	87	2.7	6800	220
MAR 15...	1215	274	7.4	9.5	15	85	<1.0	12.6	21	2.5	480	K70
APR 09...	1100	330	7.3	13.0	10	100	<1.0	8.9	18	.8	K700	K53
MAY 10...	1045	387	7.3	19.0	15	50	<1.0	8.2	46	1.4	960	K100
JUN 10...	1130	403	7.5	25.0	60	180	<1.0	7.9	30	2.9	2700	K1800
JUL 12...	1100	460	7.2	27.0	10	75	<1.0	6.7	14	.4	220	110
AUG 05...	1130	318	7.3	29.0	20	130	<1.0	6.5	16	.7	1000	200
SEP 07...	1100	364	7.5	27.0	15	70	<1.0	7.3	55	1.3	730	200

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)
OCT												
09...	670	200	50	17	28	3.7	138	76	24	.3	7.5	290
NOV												
02...	1500	180	44	16	--	--	122	69	33	--	--	--
DEC												
07...	K90	190	46	18	31	3.2	125	71	36	.3	4.5	300
JAN												
11...	1300	140	37	11	--	--	93	49	26	--	--	--
FEB												
17...	1600	93	26	6.9	11	3.1	61	32	15	.2	5.3	150
MAR												
15...	600	120	32	9.8	--	--	84	32	13	--	--	--
APR												
09...	720	140	36	11	12	4.8	89	41	21	--	9.0	203
MAY												
10...	390	160	42	14	--	--	110	37	18	--	--	--
JUN												
10...	350	160	41	13	25	3.6	108	50	31	<.1	6.2	266
JUL												
12...	560	160	45	12	--	--	139	43	27	--	--	--
AUG												
05...	620	140	38	11	14	3.2	97	40	18	.2	7.2	218
SEP												
07...	--	140	37	11	--	--	100	40	15	--	--	--

DATE	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
OCT												
09...	290	130	--	<.01	.99	1.0	.07	.79	--	.23	.11	.09
NOV												
02...	--	110	--	--	--	--	--	--	--	--	--	--
DEC												
07...	285	--	1.4	.02	1.4	1.4	.06	.60	--	.10	.06	.07
JAN												
11...	--	185	1.3	.02	1.3	--	--	--	.97	.15	--	--
FEB												
17...	136	357	1.2	.08	1.3	1.2	.23	1.1	--	.13	.05	.04
MAR												
15...	--	220	1.7	.04	1.7	--	--	--	.92	.13	--	--
APR												
09...	188	189	--	--	--	2.2	.10	.67	--	.14	.06	.06
MAY												
10...	--	175	2.5	.02	2.5	--	--	--	.92	.12	--	--
JUN												
10...	235	611	2.2	.04	2.2	2.3	.15	1.1	--	.29	.09	.08
JUL												
12...	--	215	2.4	.02	2.4	--	--	--	.80	.23	--	--
AUG												
05...	190	400	1.7	.03	1.7	1.9	.13	2.5	--	.20	.10	.11
SEP												
07...	--	209	--	<.01	--	--	--	--	--	--	--	--

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, DISSOLVED (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COBALT, TOTAL RECOVERABLE (UG/L AS CO)
OCT 09...	4	2	100	80	<10	1	1	1	10	10	<1	2
NOV 02...	2	1	--	--	<10	<1	<1	3	20	--	<1	--
DEC 07...	2	1	--	--	<10	<1	1	<1	20	--	<1	--
JAN 11...	1	1	--	--	<10	<1	<1	<1	10	--	<1	--
FEB 17...	2	1	100	52	<10	<1	1	3	20	10	<1	16
MAR 15...	2	1	--	--	<10	<1	2	<1	20	--	<1	--
APR 09...	1	1	--	--	<10	<1	1	<1	20	--	4	--
MAY 10...	1	1	--	--	<10	<1	2	<1	10	--	<1	--
JUN 10...	4	3	200	79	<10	<1	3	<1	20	10	<1	12
JUL 12...	3	2	--	--	<10	<1	2	1	20	--	<1	--
AUG 05...	5	3	200	77	<10	<1	2	<1	20	10	<1	6
SEP 07...	3	2	--	--	<10	<1	2	<1	10	--	<1	--

DATE	COBALT, DISSOLVED (UG/L AS CO)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY DISSOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)
OCT 09...	<1	23	9	2400	3	9	<1	220	6	.3	<.1	10
NOV 02...	--	18	8	--	68	8	2	--	--	.1	<.1	5
DEC 07...	--	20	3	--	<3	6	<1	--	--	.1	<.1	--
JAN 11...	--	20	10	--	27	15	6	--	--	.1	.3	10
FEB 17...	<1	31	8	8900	50	26	<1	400	21	<.1	<.1	19
MAR 15...	--	30	6	--	37	29	1	--	--	.1	.1	13
APR 09...	--	21	9	--	38	12	2	--	--	.2	<.1	10
MAY 10...	--	18	12	--	16	10	5	--	--	.4	.4	10
JUN 10...	1	36	10	19000	16	23	3	760	5	.2	.2	41
JUL 12...	--	47	16	--	<3	21	3	--	--	<.1	<.1	14
AUG 05...	<1	24	7	10000	6	19	1	370	4	.2	<.1	18
SEP 07...	--	17	9	--	10	16	<1	--	--	.2	.2	13

< Actual value is known to be less than the value shown.

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG)	SILVER, DIS-SOLVED (UG/L AS AG)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)
OCT 09...	3	1	<1	<1	<1	<1.0	60	6	--	<.01	<1	<1
NOV 02...	<1	1	1	--	--	<1.0	60	10	5.3	<.01	<1	1
DEC 07...	--	<1	<1	--	--	<1.0	70	16	4.8	<.01	<1	<1
JAN 11...	9	<1	<1	--	--	<1.0	70	9	6.2	<.01	<1	<1
FEB 17...	1	1	<1	1	<1	1.0	70	13	7.8	<.01	<1	<1
MAR 15...	3	<1	<1	--	--	<.1	60	7	4.3	<.01	<1	<1
APR 09...	3	<1	<1	--	--	<.1	30	15	4.9	<.01	<1	<1
MAY 10...	1	<1	<1	--	--	.2	40	24	4.4	<.01	<1	<1
JUN 10...	9	<1	<1	<1	<1	.9	80	11	6.8	<.01	<1	<1
JUL 12...	2	<1	<1	--	--	1.6	90	20	7.2	<.01	<1	<1
AUG 05...	2	<1	<1	<1	<1	1.4	100	7	5.1	<.01	<1	<1
SEP 07...	5	<1	<1	--	--	2.8	80	21	5.3	<.01	<1	<1

DATE	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	NAPH-THA-LENES, POLY-CHLOR, TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	CHLOR-DANE, TOTAL (UG/L)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDE, TOTAL (UG/L)
OCT 09...	<.10	2	<.10	<1.0	<.001	<.1	<.10	<1.0	<.001	.2	<.001
NOV 02...	<.10	--	<.10	--	<.001	--	<.10	--	<.001	--	<.001
DEC 07...	<.10	--	<.10	--	<.001	--	<.10	--	<.001	--	<.001
JAN 11...	<.10	--	<.10	--	<.001	--	<.10	--	.004	--	<.001
FEB 17...	<.10	--	<.10	--	<.001	--	<.10	--	<.001	--	<.001
MAR 15...	<.10	--	<.10	--	<.001	--	<.10	--	<.001	--	<.001
APR 09...	<.10	3	<.10	<1.0	<.01	<.1	<.10	<1.0	<.01	.6	<.01
MAY 10...	<.10	--	<.10	--	<.001	--	<.10	--	<.001	--	<.001
JUN 10...	<.10	--	<.10	--	<.001	--	<.10	--	<.001	--	<.001
JUL 12...	<.10	--	<.10	--	<.001	--	<.10	--	<.001	--	<.001
SEP 07...	<.10	--	<.10	--	<.001	--	<.10	--	<.001	--	<.001

< Actual value is known to be less than the value shown.

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DI-AZINON, TOTAL (UG/L)	DI-ELDRIN TOTAL (UG/L)	DI-ELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDO-SULFAN, TOTAL (UG/L)	ENDO-SULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)
OCT											
09...	<.1	<.001	<.1	.01	.002	<.1	<.001	<.1	<.001	<.1	<.01
NOV											
02...	--	<.001	--	.01	.002	--	<.001	--	<.001	--	<.01
DEC											
07...	--	<.001	--	.02	.001	--	<.001	--	<.001	--	<.01
JAN											
11...	--	.011	--	.02	.009	--	<.001	--	<.001	--	<.01
FEB											
17...	--	.002	--	.01	.003	--	<.001	--	<.001	--	<.01
MAR											
15...	--	<.001	--	<.01	.003	--	<.001	--	<.001	--	<.01
APR											
09...	<.1	<.01	.2	.01	<.01	.2	<.01	<.1	<.01	<.1	<.01
MAY											
10...	--	<.001	--	<.01	.003	--	<.001	--	<.001	--	<.01
JUN											
10...	--	<.001	--	.02	.005	--	<.001	--	<.001	--	<.01
JUL											
12...	--	<.001	--	.01	.005	--	<.001	--	<.001	--	<.01
SEP											
07...	--	<.001	--	<.01	.003	--	<.001	--	<.001	--	<.01

DATE	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)
OCT								
09...	<.001	<.1	<.001	<.1	<.001	<.1	<.01	<.01
NOV								
02...	<.001	--	<.001	--	<.001	--	<.01	<.01
DEC								
07...	<.001	--	<.001	--	<.001	--	<.01	<.01
JAN								
11...	<.001	--	<.001	--	<.001	--	<.01	<.01
FEB								
17...	<.001	--	<.001	--	<.001	--	<.01	<.01
MAR								
15...	<.001	--	<.001	--	<.001	--	<.01	<.01
APR								
09...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.01
MAY								
10...	<.001	--	<.001	--	<.001	--	<.01	<.01
JUN								
10...	<.001	--	<.001	--	<.001	--	<.01	<.01
JUL								
12...	<.001	--	<.001	--	<.001	--	<.01	<.01
SEP								
07...	<.001	--	<.001	--	<.001	--	<.01	<.01

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL TRITHION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATERIL (UG/KG)	TOXAPHENE, TOTAL (UG/L)
OCT 09...	<.1	<.01	<.01	<.01	<.1	<.01	<.01	<.10	<.1
NOV 02...	--	<.01	<.01	<.01	--	<.01	<.01	--	<.1
DEC 07...	--	<.01	<.01	<.01	--	<.01	<.01	--	<.1
JAN 11...	--	<.01	<.01	<.01	--	<.01	<.01	--	<.1
FEB 17...	--	<.01	<.01	<.01	--	<.01	<.01	--	<.1
MAR 15...	--	<.01	<.01	<.01	--	<.01	<.10	--	<1
APR 09...	<.1	<.01	<.01	<.01	<.1	<.01	<.10	<1.00	<1
MAY 10...	--	<.01	<.01	<.01	--	<.01	<.10	--	<1
JUN 10...	--	<.01	<.01	<.01	--	<.01	<.10	--	<1
JUL 12...	--	<.01	<.01	<.01	--	<.01	<.10	--	<1
SEP 07...	--	<.01	<.01	<.01	--	<.01	<.10	--	<1

DATE	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	SEDIMENT, SUSPENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 09...	<1.0	<.01	<.01	<.01	<.01	<.01	128	94
NOV 02...	--	<.01	<.01	<.01	<.01	<.01	--	--
DEC 07...	--	<.01	.02	--	<.01	<.01	96	91
JAN 11...	--	<.01	.01	<.01	.01	<.01	--	--
FEB 17...	--	<.01	.02	<.01	<.01	.01	470	74
MAR 15...	--	<.01	.03	<.01	<.01	<.01	--	--
APR 09...	<10	<.01	<.01	<.01	<.01	<.01	334	69
MAY 10...	--	<.01	.02	<.01	<.01	<.01	243	83
JUN 10...	--	<.01	--	--	--	--	711	92
JUL 12...	--	<.01	.01	<.01	.01	<.01	273	92
AUG 05...	--	--	--	--	--	--	450	95
SEP 07...	--	<.01	.01	<.01	.01	<.01	--	--

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	ACENAPHTHENE TOTAL (UG/L)	ACENAPHTHYLENE TOTAL (UG/L)	ANTHRACENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	BENZIDINE TOTAL (UG/L)	BENZO A ANTHRACENE1,2-BENZANTHRACENE TOTAL (UG/L)	BENZO-A-PYRENE TOTAL (UG/L)	BENZO B FLUORANTHENE TOTAL (UG/L)	BENZOGHI PERYLENE1,12-BENZOPERYLENE TOTAL (UG/L)	BENZO K FLUORANTHENE TOTAL (UG/L)	BROMOFORM TOTAL (UG/L)	N-BUTYL BENZYL PHTHALATE TOTAL (UG/L)
DEC 07...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 15...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	CARBON TETRACHLORIDE TOTAL (UG/L)	PARA-CHLORO-META CRESOL TOTAL (UG/L)	CHLOROBENZENE TOTAL (UG/L)	CHLORODIBROMOMETHANE TOTAL (UG/L)	CHLOROETHANE TOTAL (UG/L)	CHLOROFORM TOTAL (UG/L)	CHRYSENE TOTAL (UG/L)	DI-N-BUTYL PHTHALATE TOTAL (UG/L)	DI-N-OCTYL PHTHALATE TOTAL (UG/L)	1,2,5,6-DIBENZ-ANTHRACENE TOTAL (UG/L)	DICHLOROBROMOMETHANE TOTAL (UG/L)	DICHLORODIFLUOROMETHANE TOTAL (UG/L)
DEC 07...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 15...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	DIETHYL PHTHALATE TOTAL (UG/L)	DIMETHYL PHTHALATE TOTAL (UG/L)	4,6-DINITRO-ORTHO-CRESOL TOTAL (UG/L)	ETHYLBENZENE TOTAL (UG/L)	FLUORANTHENE TOTAL (UG/L)	FLUORENE TOTAL (UG/L)	HEXACHLOROBENZENE TOTAL (UG/L)	HEXACHLOROBUTADIENE TOTAL (UG/L)	HEXACHLOROCYCLOPENTADIENE TOTAL (UG/L)	HEXACHLOROETHANE TOTAL (UG/L)	INDENO (1,2,3-CD) PYRENE TOTAL (UG/L)	ISOPHORONE TOTAL (UG/L)
DEC 07...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 15...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	METHYLBROMIDE TOTAL (UG/L)	METHYLENE CHLORIDE TOTAL (UG/L)	N-NITROSODI-N-PROPYLAMINE TOTAL (UG/L)	N-NITROSODIPHENYLAMINE TOTAL (UG/L)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	NITROBENZENE TOTAL (UG/L)	N-NITROSODIMETHYLAMINE TOTAL (UG/L)	PHENANTHRENE TOTAL (UG/L)	PHENOL (C6H5OH) TOTAL (UG/L)	PYRENE TOTAL (UG/L)	TETRACHLOROETHYLENE TOTAL (UG/L)	TOLUENE TOTAL (UG/L)
DEC 07...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 15...	<1.0	<1.0	<1.0	<1.0	<.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	TRICHLOROETHYLENE TOTAL (UG/L)	TRICHLOROFLOUROMETHANE TOTAL (UG/L)	VINYL CHLORIDE TOTAL (UG/L)	1,1-DICHLOROETHYLENE TOTAL (UG/L)	1,1-DICHLOROETHANE TOTAL (UG/L)	1,1,1-TRICHLOROETHANE TOTAL (UG/L)	1,1,2-TRICHLOROETHANE TOTAL (UG/L)	1,1,2,2 TETRACHLOROETHANE TOTAL (UG/L)	1,2-DICHLOROBENZENE TOTAL (UG/L)	1,2-DICHLOROETHANE TOTAL (UG/L)	1,2-DICHLOROPROPANE TOTAL (UG/L)	1,2,4-TRICHLOROBENZENE TOTAL (UG/L)
DEC 07...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 15...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

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07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	1,3-DI-CHLORO-BENZENE TOTAL (UG/L)	1,3-DI-CHLORO-PROPENE TOTAL (UG/L)	1,4-DI-CHLORO-BENZENE TOTAL (UG/L)	CHLORO-ETHYL-ENE TOTAL (UG/L)	BIS (2-CHLORO-ETHOXY) METHANE TOTAL (UG/L)	BIS 2-CHLORO-ETHYL ETHER TOTAL (UG/L)	BIS (2-CHLORO-ISO-PROPYL) ETHER TOTAL (UG/L)	2-CHLORO-NAPH-THALENE TOTAL (UG/L)	2-CHLORO-PHENOL TOTAL (UG/L)	2-CHLORO-ETHYL-VINYL-ETHER TOTAL (UG/L)	BIS(2-ETHYL HEXYL) PHTHAL-ATE TOTAL (UG/L)	2-NITRO-PHENOL TOTAL (UG/L)
DEC												
07...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR												
15...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	2,3,7,8-TETRACH-LORODI-BENZO-P-DIOXIN TOTAL (UG/L)	2,4-DI-CHLORO-PHENOL TOTAL (UG/L)	2,4-DI-METHYL-PHENOL TOTAL (UG/L)	2,4-DI-NITRO-PHENOL TOTAL (UG/L)	2,4-DI-NITRO-TOLUENE TOTAL (UG/L)	2,4,6-TRI-CHLORO-PHENOL TOTAL (UG/L)	2,6-DI-NITRO-TOLUENE TOTAL (UG/L)	3,3'-DI-CHLORO-BENZI-DINE TOTAL (UG/L)	4-BROMO-PHENYL PHENYL ETHER TOTAL (UG/L)	4-CHLORO-PHENYL PHENYL ETHER TOTAL (UG/L)	4-NITRO-PHENOL TOTAL (UG/L)
DEC											
07...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR											
15...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	471	466	505	422	344	310	329	348	485	400	405	384
2	475	466	505	407	299	309	330	339	468	399	358	366
3	475	466	495	403	299	292	321	342	469	396	---	367
4	498	466	485	405	298	299	329	342	470	401	---	367
5	498	468	480	405	350	296	329	337	449	401	369	402
6	498	458	496	397	350	273	329	339	---	402	414	403
7	517	474	496	397	329	299	333	368	433	449	370	402
8	523	509	495	375	301	296	332	362	433	450	370	400
9	484	506	494	376	316	295	337	387	434	452	370	400
10	484	508	494	377	318	294	334	386	432	449	411	379
11	493	496	471	382	288	296	337	392	434	449	412	380
12	492	496	439	400	286	307	338	403	437	449	411	365
13	492	499	431	394	277	311	333	403	386	449	412	365
14	477	493	428	362	278	314	345	406	387	449	434	365
15	476	487	440	363	267	314	343	406	386	370	434	327
16	477	493	448	364	262	314	335	407	386	372	434	326
17	483	501	448	351	262	319	333	407	387	370	434	325
18	495	480	449	345	262	322	355	408	399	369	433	327
19	490	477	449	340	268	332	355	447	398	371	434	327
20	491	440	449	339	267	335	355	448	406	370	433	320
21	509	441	449	345	270	374	356	447	404	370	434	321
22	509	444	450	346	269	371	344	483	409	370	435	326
23	511	445	449	346	269	372	344	484	409	386	434	327
24	510	444	440	345	270	362	344	458	387	385	427	344
25	511	444	440	359	281	359	350	457	385	391	427	346
26	510	454	439	352	295	363	357	457	364	412	428	344
27	510	467	437	352	299	358	357	448	374	411	473	351
28	501	465	440	369	319	334	353	479	385	419	474	372
29	496	511	438	371	---	343	352	479	389	418	474	372
30	502	512	439	361	---	333	352	485	402	419	411	379
31	502	---	431	344	---	328	---	485	---	---	384	---

< Actual value is known to be less than the value shown.

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.5	17.0	13.0	8.0	6.0	7.0	13.5	16.5	26.0	27.0	27.0	28.0
2	24.5	17.0	13.0	8.0	6.0	7.0	13.5	17.0	26.0	27.0	27.0	28.0
3	24.0	17.0	14.0	8.0	6.0	8.0	13.5	17.0	26.0	27.0	---	28.0
4	24.0	17.0	13.0	8.5	6.0	8.0	13.0	17.0	26.0	27.0	---	28.0
5	24.0	16.5	13.0	8.5	5.0	7.5	13.0	18.0	26.0	27.0	28.0	28.0
6	24.0	16.5	13.0	8.0	5.0	7.5	13.0	18.0	---	27.0	28.0	28.0
7	23.5	16.5	13.0	8.0	5.0	7.5	14.0	19.0	26.0	28.0	28.0	28.0
8	23.0	16.5	13.0	8.0	5.0	7.0	14.0	19.0	26.0	28.0	28.0	28.0
9	22.5	16.5	13.0	8.0	5.0	8.0	14.0	19.0	26.0	29.0	28.0	28.0
10	22.5	16.5	13.0	8.0	5.0	8.0	14.0	19.0	26.0	29.0	28.0	26.5
11	21.5	16.0	10.0	6.0	5.0	8.0	14.0	19.0	26.0	29.0	28.0	26.5
12	21.5	16.0	11.0	5.0	5.0	10.0	14.0	19.5	26.0	---	28.0	28.0
13	21.5	16.0	10.0	5.0	5.0	10.0	14.0	19.5	25.0	28.0	28.0	28.0
14	21.5	16.0	10.0	5.0	5.0	10.0	14.0	19.5	25.0	29.0	28.0	28.0
15	21.5	16.0	9.0	5.0	5.0	10.0	13.5	19.5	25.0	29.0	28.0	28.0
16	21.5	16.5	9.0	5.0	5.0	10.0	15.0	19.5	25.0	28.0	28.0	28.0
17	21.5	16.5	9.0	5.0	4.5	10.5	15.0	22.5	25.0	29.0	28.0	28.0
18	20.0	15.0	8.0	5.0	4.5	11.0	14.5	22.5	25.0	28.0	28.0	28.0
19	20.0	15.0	8.0	5.0	4.5	11.0	14.5	22.5	25.0	28.0	28.0	28.0
20	20.0	15.0	8.0	6.0	5.0	11.0	14.5	22.5	25.0	28.0	28.0	25.0
21	20.0	15.0	8.0	5.0	5.0	12.0	14.5	22.5	25.0	28.0	28.0	25.0
22	20.0	15.0	9.0	5.0	5.5	12.0	14.5	24.5	25.0	28.0	28.0	25.0
23	20.0	14.5	9.0	5.0	6.0	12.0	14.5	24.5	25.0	28.0	28.0	25.0
24	20.0	14.5	9.0	5.0	6.0	12.0	14.5	24.5	25.5	28.0	28.0	23.0
25	20.0	14.5	9.0	6.0	7.0	12.5	14.5	24.5	25.5	28.0	28.0	23.0
26	19.0	15.0	9.0	---	7.5	12.5	14.5	25.0	25.5	28.0	28.0	23.0
27	17.0	15.0	8.0	5.0	7.0	12.0	14.5	25.0	25.5	28.0	28.0	23.0
28	18.0	15.0	8.0	7.0	6.5	12.0	14.5	25.0	25.5	28.0	28.0	23.0
29	18.0	14.0	8.0	7.0	---	12.0	14.5	25.0	27.0	28.0	28.0	23.0
30	19.0	13.0	8.0	7.0	---	12.0	16.5	26.0	27.0	28.0	28.0	28.0
31	18.0	---	8.0	5.0	---	13.5	---	26.0	---	---	28.0	---

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	36	40	23	22	16	21	19	40	20	19	20
2	25	34	39	24	21	18	21	17	41	29	18	18
3	28	36	35	25	21	16	20	20	40	26	---	18
4	26	34	28	26	22	16	21	20	40	26	---	14
5	24	36	30	25	38	18	22	20	37	30	18	19
6	24	31	39	27	36	16	20	20	---	30	21	19
7	28	41	36	28	30	18	20	20	30	24	21	19
8	26	42	39	28	26	18	24	20	31	23	18	19
9	22	43	40	30	23	18	21	20	30	30	20	19
10	25	42	40	24	21	18	22	20	32	24	20	17
11	26	40	36	32	20	16	20	20	32	28	20	16
12	26	42	32	26	22	20	22	20	31	26	22	16
13	25	43	37	26	19	20	22	20	24	28	22	16
14	24	41	35	24	19	20	20	19	26	28	22	15
15	25	38	34	22	19	18	20	20	24	19	22	15
16	22	35	36	23	16	19	20	18	22	20	22	15
17	24	33	36	24	18	20	20	21	23	20	26	15
18	24	34	33	22	16	20	20	22	24	20	22	16
19	29	31	34	22	19	20	20	31	24	20	22	14
20	30	30	34	22	19	24	20	32	30	22	21	14
21	35	30	35	24	16	26	20	30	26	22	22	14
22	35	35	34	21	16	26	20	40	27	20	24	14
23	38	35	38	22	18	26	20	38	28	22	22	14
24	39	31	32	22	18	25	20	34	26	22	23	14
25	40	34	34	26	18	25	18	32	27	22	23	14
26	38	34	33	24	18	24	20	34	24	22	26	14
27	38	34	28	23	20	28	20	35	24	18	20	13
28	40	36	30	26	19	17	18	38	24	17	23	16
29	35	---	29	28	---	24	18	38	26	20	22	15
30	32	---	30	27	---	---	20	42	26	22	21	16
31	38	---	25	22	---	20	---	40	---	---	21	---

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)
OCT		
01-10	289	.39
11-20	294	.40
21-31	305	.41
NOV		
01-10	293	.40
11-20	299	.41
21-30	283	.38
DEC		
01-10	316	.43
11-20	280	.38
21-31	277	.38
JAN		
01-10	247	.34
11-20	223	.30
21-31	216	.29
FEB		
01-10	194	.26
11-20	168	.23
21-28	177	.24
MAR		
01-10	193	.26
11-20	198	.27
21-31	230	.31
APR		
01-10	214	.29
11-20	219	.30
21-30	220	.30
MAY		
01-10	229	.31
11-20	246	.33
21-31	275	.37
JUN		
01-10	274	.37
11-20	245	.33
21-30	238	.32
JUL		
01-10	266	.36
11-20	259	.35
21-30	252	.34
AUG		
01-10	234	.32
11-20	254	.35
21-31	261	.35
SEP		
01-10	227	.31
11-20	210	.29
21-30	210	.29

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	SEDI-MENT, SUS-PENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
17...	1300	154	88
NOV			
13...	1200	210	91
DEC			
01...	1300	209	85
JAN			
12...	1230	139	93
FEB			
03...	1200	99	94
MAR			
13...	1030	328	89
APR			
20...	1130	111	92
MAY			
04...	1330	410	84
JUN			
01...	1245	550	83
AUG			
06...	1015	488	86

07373430 THOMPSON CREEK NEAR NORWOOD, LA

LOCATION.--Lat 30°58'12", long 91°11'31", in SW1/4, sec.70, T.1 S., R.1 W., East Feliciana-West Feliciana Parish line, Hydrologic Unit 08070201, at bridge on dirt road, 3.0 mi (4.8 km) upstream from Lost Creek, and 5.0 mi (8.0 km) west of Norwood.

DRAINAGE AREA.--41 mi2 (106 km2), approximately.

PERIOD OF RECORD.--January to July 1981, October 1981 to July 1982.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
OCT								
15...	1600	74	7.1	27.5	5	4.0	8.7	1.0
JAN								
21...	1200	68	6.5	21.0	15	9.0	8.8	.0
APR								
14...	1000	71	6.4	20.5	10	2.0	9.2	.5
JUL								
26...	1100	81	6.6	28.5	10	3.0	7.9	.7

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)
OCT									
15...	230	860	17	3.9	1.7	8.1	2.3	18	2.4
JAN									
21...	280	260	13	2.9	1.5	6.7	2.4	12	4.8
APR									
14...	160	2800	16	3.6	1.6	7.1	1.9	14	4.0
JUL									
26...	110	230	18	4.3	1.8	7.9	2.2	20	3.0

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT								
15...	8.7	<.1	26	68	64	.04	.21	.05
JAN								
21...	9.0	<.1	19	62	53	.14	3.4	.04
APR								
14...	7.7	.1	20	59	54	<.10	.15	.04
JUL								
26...	9.1	.1	24	73	64	<.10	.50	.03

< Actual value is known to be less than the value shown.

07373430 THOMPSON CREEK NEAR NORWOOD, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT											
15...	2	<1	1	<1	4	<1	1	<1	150	320	<1

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	PCB, TOTAL (UG/L)
OCT											
15...	<10	24	86	<.1	<.01	4	3	1.8	<.01	1	<.10

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
15...	<1	<.1	<1.0	<.01	<.1	<.1	<1.0	<.01	<.1	<.01	<.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
15...	<.01	<.1	.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
15...	<.01	<.1	<.01	<.1	<.01	<.1	.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
15...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATERIAL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
15...	<.01	<.10	<1	<1.0	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

07373965 SOUTH CANAL NEAR BAKER, LA

LOCATION.--Lat 30°37'00", long 91°08'56", in NW1/4NE1/4 lot 60, T. 5 S., R. 1 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic unit 08070202, near center of span on downstream side of bridge on McHugh Road, 1.2 mi (1.9 km) downstream from White Bayou east diversion channel, 1.4 mi (2.3 km) upstream from Cypress Bayou, and 2.3 mi (3.7 km) northeast of Baker.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1972 to September 1982 (discontinued). Daily gage-height record, from January 1965 to July 1972, published as Baker (south) Canal near Baker by Corps of Engineers, New Orleans district.

GAGE.--Water-stage recorder. Datum of gage is 60.00 ft (18.288 m) National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Records good above 10 ft^3/s (0.28 m^3/s) and poor below. Flow is uncontrolled diversion from White Bayou basin into the Mississippi River by way of Baker Canal since 1957. Records of water temperatures for water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--10 years, 69.0 ft^3/s (1.954 m^3/s).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,920 ft^3/s (54.4 m^3/s) Apr. 13, 1980, maximum gage height, 19.42 ft (5.919 m) Apr. 22, 1977; no flow many days in most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,580 ft^3/s (44.7 m^3/s) Feb. 16, gage height, 16.20 ft (4.938 m); minimum daily, 0.03 ft^3/s (0.001 m^3/s) July 11, 12.

DATA

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	.37	8.0	214	32	7.3	52	2.7	.29	1.7	4.2	.27
2	5.6	.32	1.7	21	262	4.3	23	2.5	.24	.47	1.9	.25
3	1.2	.30	1.3	11	797	4.0	16	3.4	.29	.23	14	.21
4	1.8	.30	1.3	23	203	3.3	44	3.3	.37	.16	5.3	.21
5	1.4	.30	1.3	9.9	30	7.4	16	1.7	.37	.14	2.3	.14
6	1.3	.30	1.3	5.2	17	75	6.2	1.5	.37	.10	40	.21
7	1.1	.24	1.4	5.2	11	199	3.2	490	.34	.09	275	.22
8	1.1	.24	1.5	14	8.1	49	2.3	716	.29	.07	22	.25
9	.98	.26	1.6	15	23	20	2.1	60	.26	.06	3.6	.20
10	15	.24	1.7	7.2	170	10	1.9	13	.23	.04	41	.20
11	9.3	.24	1.7	3.8	29	7.4	1.7	3.7	.18	.03	104	2.3
12	3.5	.18	1.8	78	43	5.5	1.4	2.2	.18	.03	89	11
13	1.1	.18	2.5	466	90	5.0	1.1	1.6	.22	.64	52	6.2
14	.90	.18	86	163	29	4.5	1.2	1.5	.22	.43	12	2.8
15	.83	.13	14	45	280	4.2	1.2	1.2	.17	.17	42	2.0
16	.78	.13	3.6	21	1480	3.7	1.1	1.1	.22	.13	474	1.4
17	.69	.18	3.0	11	1020	3.8	62	1.2	.88	.07	54	8.5
18	.66	.24	2.9	7.1	145	3.5	118	1.3	.35	7.7	12	11
19	.60	.24	2.5	4.4	29	2.6	25	.98	.23	5.6	252	6.0
20	.60	.30	2.3	3.4	17	2.3	11	.97	.20	9.1	115	2.0
21	.60	.37	2.2	2.7	11	2.2	326	.88	.18	20	16	.30
22	.52	.42	2.3	2.5	6.8	2.1	844	.76	.64	4.6	6.5	.11
23	.52	.45	6.5	4.3	4.6	2.0	620	3.4	.45	1.3	3.5	.11
24	.52	.52	15	5.2	3.8	2.3	54	.72	.80	.81	2.6	.11
25	.52	.60	27	5.7	3.4	2.4	23	12	12	.56	1.9	.11
26	.46	.69	12	4.8	3.4	2.2	18	18	2.9	.42	1.5	.10
27	.44	.78	7.0	2.5	4.1	1.9	13	2.0	1.3	.19	1.4	.10
28	.44	.78	3.8	2.4	8.5	2.0	8.5	1.0	2.6	1.1	1.1	.10
29	.37	.88	3.1	2.1	---	2.1	4.0	.69	2.3	.98	.74	.10
30	.37	1.1	2.6	2.1	---	2.0	2.6	.49	11	.85	.45	.10
31	.37	---	155	8.0	---	7.2	---	.38	---	4.6	.34	---
TOTAL	54.67	11.46	377.9	1170.5	4760.7	450.2	2303.5	1350.17	40.07	62.37	1651.33	56.60
MEAN	1.76	.38	12.2	37.8	170	14.5	76.8	43.6	1.34	2.01	53.3	1.89
MAX	15	1.1	155	466	1480	199	844	716	12	20	474	11
MIN	.37	.13	1.3	2.1	3.4	1.9	1.1	.38	.17	.03	.34	.10

CAL YR 1981 TOTAL 9749.32 MEAN 26.7 MAX 1260 MIN .13
WTR YR 1982 TOTAL 12289.47 MEAN 33.7 MAX 1480 MIN .03

07373965 SOUTH CANAl NEAR BAKER, LA.--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.51	3.41	3.86	6.34	4.39	3.69	4.65	3.44	3.04	3.50	3.65	2.96
2	3.78	3.41	3.56	4.12	6.36	3.53	4.12	3.42	3.01	3.16	3.48	2.95
3	3.52	3.42	3.44	3.86	11.12	3.49	3.94	3.44	3.04	3.04	3.95	2.94
4	3.57	3.42	3.42	4.19	6.18	3.42	4.54	3.49	3.09	2.98	3.71	2.94
5	3.51	3.42	3.40	3.84	4.35	3.60	3.97	3.30	3.09	2.96	3.53	2.91
6	3.50	3.43	3.39	3.68	4.06	4.81	3.64	3.28	3.09	2.93	3.95	2.93
7	3.51	3.43	3.39	3.68	3.88	6.28	3.43	7.97	3.08	2.92	6.89	2.94
8	3.50	3.44	3.39	3.97	3.78	4.61	3.32	10.48	3.06	2.90	4.15	2.95
9	3.49	3.49	3.38	3.98	4.03	4.05	3.30	4.74	3.04	2.89	3.60	2.93
10	4.00	3.49	3.37	3.76	5.95	3.76	3.27	3.92	3.03	2.89	4.03	2.93
11	3.93	3.46	3.37	3.63	4.30	3.65	3.24	3.60	3.00	2.87	5.32	3.21
12	3.72	3.45	3.38	4.53	4.50	3.57	3.19	3.45	3.00	2.86	5.13	3.84
13	3.59	3.44	3.44	8.54	5.20	3.54	3.14	3.34	3.01	3.23	4.65	3.66
14	3.53	3.43	5.09	5.95	4.31	3.50	3.16	3.33	3.02	3.14	3.90	3.40
15	3.50	3.43	3.92	4.61	6.45	3.47	3.17	3.27	2.98	2.99	4.00	3.30
16	3.46	3.42	3.55	4.15	15.68	3.43	3.14	3.24	3.02	2.95	8.56	3.21
17	3.45	3.42	3.49	3.89	12.72	3.43	4.39	3.27	3.32	2.91	4.67	3.44
18	3.44	3.42	3.48	3.76	5.62	3.41	5.66	3.31	3.09	3.71	3.88	3.77
19	3.43	3.42	3.43	3.66	4.30	3.33	4.20	3.23	3.03	3.75	6.73	---
20	3.42	3.42	3.39	3.62	4.01	3.29	3.83	3.23	3.00	3.75	5.34	---
21	3.43	3.41	3.39	3.57	3.84	3.28	7.03	3.22	2.99	4.17	4.00	---
22	3.42	3.42	3.40	3.53	3.69	3.27	11.48	3.18	3.23	3.73	3.69	---
23	3.42	3.42	3.70	3.65	3.60	3.24	9.72	3.48	3.15	3.46	3.51	---
24	3.43	3.43	3.88	3.70	3.52	3.30	4.70	3.18	3.30	3.28	3.40	---
25	3.44	3.43	4.26	3.72	3.47	3.30	4.16	3.49	3.85	3.17	3.29	---
26	3.43	3.43	3.88	3.69	3.46	3.28	4.03	4.08	3.65	3.10	3.21	---
27	3.43	3.43	3.73	3.56	3.53	3.24	3.90	3.49	3.47	2.98	3.19	---
28	3.42	3.43	3.60	3.53	3.72	3.27	3.76	3.30	3.56	3.33	3.15	---
29	3.41	3.43	3.53	3.48	---	3.28	3.52	3.20	3.62	3.29	3.07	---
30	3.40	3.46	3.48	3.48	---	3.25	3.42	3.13	3.94	3.24	3.01	---
31	3.39	---	5.61	3.77	---	3.62	---	3.09	---	3.53	2.98	---
MAX	4.00	3.49	5.61	8.54	15.68	6.28	11.48	10.48	3.94	4.17	8.56	3.84
MIN	3.39	3.41	3.37	3.48	3.46	3.24	3.14	3.09	2.98	2.86	2.98	---

07374120 MISSISSIPPI RIVER AT PLAQUEMINE, LA (CE 01170)

LOCATION.--Lat 30°17'00", long 91°13'21", T.9 S., R.12 E., Louisiana meridian, Iberville Parish, Hydrologic Unit 08070100, at west bank ferry landing at Plaquemine, and at mile 208.0 (334.7 km).

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1973 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (FTU)	SETTLEABLE MATTER (ML/L/HR)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT												
08...	1400	497	7.5	24.0	10	25	<1.0	8.8	15	.5	K1400	660
NOV												
03...	1200	492	7.5	16.0	5	30	<1.0	9.5	35	2.0	4600	1800
DEC												
08...	1015	518	7.4	11.0	5	30	<1.0	10.8	110	2.5	8000	K1900
JAN												
18...	1100	362	7.3	2.5	10	120	<1.0	12.9	58	3.4	7200	K300
FEB												
12...	1646	287	7.3	3.0	20	100	<1.0	12.4	110	4.9	4000	K600
MAR												
16...	1000	304	7.0	9.5	10	90	<1.0	10.3	19	2.5	2000	440
APR												
08...	1500	326	7.4	13.5	10	110	<1.0	8.8	18	1.3	1200	200
MAY												
11...	0915	402	7.3	19.5	20	60	<1.0	7.9	29	1.0	3500	K1700
JUN												
09...	1730	432	7.1	25.0	100	180	<1.0	6.4	24	.8	2200	410
JUL												
13...	0825	460	7.3	28.5	10	75	<1.0	6.3	20	1.6	980	390
AUG												
04...	1415	379	7.2	29.5	20	190	<1.0	6.2	20	.7	3100	940
SEP												
08...	0900	373	7.2	27.5	10	60	<1.0	7.0	19	.6	3700	--

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT												
08...	190	49	17	127	73	30	80	--	<.01	.97	.46	.19
NOV												
03...	180	46	17	126	73	36	127	1.4	.02	1.4	.38	.21
DEC												
08...	150	37	13	130	64	35	86	1.4	.03	1.4	.10	.18
JAN												
18...	130	35	10	86	48	23	--	1.3	.02	1.3	.68	.10
FEB												
12...	97	26	7.8	66	40	21	378	1.3	.03	1.3	1.3	.09
MAR												
16...	120	32	9.5	84	29	17	152	1.6	.06	1.7	.85	.16
APR												
08...	130	34	10	86	40	22	224	2.1	.06	2.2	.79	.11
MAY												
11...	160	42	13	113	37	20	211	2.6	.02	2.6	.60	.10
JUN												
09...	160	41	13	105	47	37	509	2.2	.04	2.2	--	.16
JUL												
13...	170	45	13	118	51	29	267	2.4	.03	2.4	1.3	.28
AUG												
04...	150	41	12	105	32	17	504	2.0	.05	2.0	1.4	.26
SEP												
08...	140	37	11	103	40	17	163	1.2	.03	1.2	1.0	.19

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

07374120 MISSISSIPPI RIVER AT PLAQUEMINE, LA (CE 01170)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)
OCT											
08...	7	3	<10	1	1	10	<1	21	11	3	7
NOV											
03...	2	1	<10	<1	<1	20	<1	22	8	30	5
DEC											
08...	2	1	<10	<1	<1	20	<1	14	8	10	10
JAN											
18...	2	1	<10	<1	<1	10	<1	21	6	50	21
FEB											
12...	2	1	<10	<1	2	20	<1	33	12	67	30
MAR											
16...	1	2	<10	<1	<1	30	<1	22	7	49	27
APR											
08...	2	1	<10	<1	1	20	1	13	5	24	29
MAY											
11...	2	1	<10	<1	1	10	<1	20	6	22	70
JUN											
09...	4	1	<10	<1	<1	10	<1	41	9	41	28
JUL											
13...	4	4	<10	<1	2	10	<1	33	21	76	20
AUG											
04...	5	3	<10	<1	<1	20	<1	27	6	23	26
SEP											
08...	3	3	<10	<1	<1	10	<1	18	8	20	13

DATE	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT											
08...	<1	.1	.1	5	3	<1	<1	<1.0	110	7	4.3
NOV											
03...	1	.2	<.1	7	3	<1	<1	<1.0	60	<4	4.8
DEC											
08...	2	.2	<.1	6	6	<1	<1	1.0	60	9	5.0
JAN											
18...	6	.1	.1	14	10	1	<1	<1.0	100	6	8.6
FEB											
12...	<1	.1	.1	25	1	<1	<1	1.0	300	92	7.5
MAR											
16...	2	.1	.1	11	3	<1	<1	2.0	40	15	4.0
APR											
08...	2	<.1	<.1	9	3	<1	<1	<.1	30	11	5.0
MAY											
11...	4	1.0	<.1	13	5	<1	<1	<.1	210	4	4.7
JUN											
09...	2	.1	<.1	37	5	<1	<1	1.1	130	6	--
JUL											
13...	2	.2	<.1	11	3	<1	<1	2.6	90	14	5.2
AUG											
04...	1	.1	<.1	26	2	1	<1	1.6	120	6	6.0
SEP											
08...	3	.1	.1	10	4	<1	<1	3.6	50	21	5.0

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER MAIN STEM

07374120 MISSISSIPPI RIVER AT PLAQUEMINE, LA (CE 01170)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)
OCT			
08...	<.01	<1	1
NOV			
03...	<.01	<1	<1
DEC			
08...	<.01	<1	<1
JAN			
18...	<.01	1	1
FEB			
12...	<.01	<1	<1
MAR			
16...	<.01	<1	<1
APR			
08...	<.01	<1	<1
MAY			
11...	<.01	<1	<1
JUN			
09...	<.01	<1	<1
JUL			
13...	<.01	<1	<1
AUG			
04...	<.01	<1	<1
SEP			
08...	<.01	<1	1

< Actual value is known to be less than the value shown.

07374220 MISSISSIPPI RIVER AT UNION, LA (CE 01222)

LOCATION.--Lat 30°05'52", long 90°54'45", T.11 S., R.15 E., St. James Parish, Hydrologic Unit 08070100, near center of span on downstream side of Sunshine Bridge on State Highway 3089, 0.7 mi (1.1 km) northwest of Union, and at mile 167.5 (269.5 km).

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1973 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
OCT										
08...	1200	504	7.4	24.5	5	10	<1.0	8.6	60	.4
NOV										
03...	1500	487	7.5	16.5	5	25	<1.0	9.6	14	1.2
DEC										
08...	1155	517	7.6	11.5	5	20	<1.0	10.6	50	2.0
JAN										
18...	1250	352	7.5	3.0	15	75	<1.0	13.0	51	2.6
FEB										
11...	1530	301	7.3	3.0	30	190	<1.0	12.1	12	3.8
MAR										
16...	1200	316	7.2	9.5	15	80	<1.0	10.3	36	2.1
APR										
08...	1400	326	7.3	13.0	20	120	<1.0	8.9	--	1.1
MAY										
11...	1130	393	7.4	19.0	40	65	<1.0	7.9	<10	1.0
JUN										
09...	1500	449	7.2	26.0	80	170	<1.0	6.2	59	1.5
JUL										
13...	1005	465	7.2	29.0	10	85	<1.0	6.8	40	.0
AUG										
04...	1200	386	7.1	29.0	20	200	<1.0	6.3	13	.1
SEP										
08...	1130	378	7.0	28.0	10	90	<1.0	7.1	<10	.6

DATE	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)
OCT										
08...	900	K280	190	48	16	127	70	37	30	--
NOV										
03...	5400	1200	180	46	17	133	67	32	70	1.5
DEC										
08...	3600	900	190	47	17	132	68	34	21	1.4
JAN										
18...	5800	K310	130	37	10	88	46	24	372	1.3
FEB										
11...	2200	K150	110	30	8.3	78	40	21	497	1.2
MAR										
16...	--	500	120	31	9.3	82	33	18	199	1.7
APR										
08...	1500	400	130	34	9.9	88	38	17	268	2.1
MAY										
11...	1500	720	160	41	13	111	37	21	221	2.6
JUN										
09...	4000	K900	150	41	12	107	48	39	555	2.1
JUL										
13...	940	840	160	44	13	116	48	30	193	2.4
AUG										
04...	2700	2400	160	42	13	107	34	21	510	2.1
SEP										
08...	2100	--	140	36	11	103	40	19	259	1.2

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

07374220 MISSISSIPPI RIVER AT UNION, LA (CE 01222)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)
OCT										
08...	<.01	1.1	.41	.10	3	3	<10	<1	4	1
NOV										
03...	.01	1.5	.52	.22	2	2	<10	<1	<1	3
DEC										
08...	.04	1.4	.49	.18	2	1	<10	<1	<1	<1
JAN										
18...	.03	1.3	1.5	.22	2	1	<10	<1	<1	<1
FEB										
11...	.05	1.2	1.1	.29	1	1	<10	<1	<1	<1
MAR										
16...	.05	1.7	1.5	.14	1	1	<10	<1	1	1
APR										
08...	.07	2.2	1.4	.21	1	1	<10	<1	1	1
MAY										
11...	.01	2.6	1.1	.10	2	1	<10	<1	2	<1
JUN										
09...	.02	2.1	.60	.15	5	2	<10	<1	11	<1
JUL										
13...	.02	2.4	1.2	.19	4	4	<10	<1	2	<1
AUG										
04...	.10	2.2	.70	.24	5	3	<10	<1	2	<1
SEP										
08...	.01	1.2	.80	.15	3	3	<10	<1	4	<1

DATE	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY DISSOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)
OCT										
08...	10	<1	18	13	3	3	<1	.2	.3	6
NOV										
03...	10	<1	17	5	14	7	2	.2	<.1	7
DEC										
08...	20	<1	16	6	<3	17	<1	.2	.1	6
JAN										
18...	20	<1	17	4	51	18	5	.1	<.1	13
FEB										
11...	20	<1	31	10	58	24	<1	.1	<.1	24
MAR										
16...	20	<1	15	7	32	26	1	.1	.1	11
APR										
08...	20	<1	18	3	44	14	1	.1	.1	11
MAY										
11...	10	<1	16	11	18	26	2	.2	.2	10
JUN										
09...	10	<1	35	11	26	26	4	.2	.2	30
JUL										
13...	10	<1	34	16	100	17	2	.2	.2	11
AUG										
04...	20	<1	25	9	12	27	1	.1	<.1	25
SEP										
08...	20	<1	15	8	16	15	2	.7	.7	12

< Actual value is known to be less than the value shown.

07374220 MISSISSIPPI RIVER AT UNION, LA (CE 01222)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)
OCT										
08...	2	1	<1	<1.0	40	9	3.2	<.01	<1	3
NOV										
03...	<1	<1	<1	1.0	50	5	5.1	<.01	<1	<1
DEC										
08...	3	<1	<1	1.0	60	5	4.2	<.01	--	1
JAN										
18...	4	<1	<1	<1.0	70	5	10	<.01	<1	<1
FEB										
11...	2	1	<1	1.0	80	9	5.9	<.01	1	<1
MAR										
16...	3	<1	<1	1.0	30	13	4.0	<.01	2	<1
APR										
08...	4	<1	<1	<.1	30	20	4.9	<.01	<1	<1
MAY										
11...	1	<1	<1	.1	50	12	5.0	<.01	1	<1
JUN										
09...	3	<1	<1	2.4	100	6	9.0	<.01	<1	<1
JUL										
13...	5	<1	<1	2.0	80	10	5.4	<.01	<1	<1
AUG										
04...	4	1	<1	1.2	110	14	7.1	<.01	<1	<1
SEP										
08...	4	<1	<1	3.6	130	13	5.8	<.01	<1	1

< Actual value is known to be less than the value shown.

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)

LOCATION.--Lat 29°56'19", long 90°21'49", T.13 S., R.21 E., St. Charles Parish, Hydrologic Unit 08090100, at Luling-Destrehan ferry crossing, 17 mi (27.4 km) west of New Orleans, and at mile 120.6 (194.0 km).

DRAINAGE AREA.--1,125,800 mi^2 (2,915,800 km^2), arbitrarily determined.

PERIOD OF RECORD.--Water years 1958 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1957 to September 1972, October 1974 to September 1975, October 1976 to current year.
WATER TEMPERATURES: October 1957 to September 1972, October 1977 to current year.
CHLORIDE: October 1974 to September 1975, October 1976 to current year.
SULFATE: October 1974 to September 1975, October 1976 to September 1978.
DISSOLVED SOLIDS: October 1978 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 636 micromhos Oct. 12, 1959; minimum daily, 219 micromhos Mar. 27, 28, 30, 1964.
WATER TEMPERATURES: Maximum daily, 32.5°C July 10, 16, 17, 1980; minimum daily, 3.0°C Jan. 12, 1962.
CHLORIDE: Maximum daily, 69 mg/L June 24, 1977; minimum daily, 11 mg/L Mar. 22, 1975.
SULFATE: Maximum daily, 89 mg/L Oct. 10, 1977; minimum daily, 20 mg/L Feb. 8, Apr. 26, 1978.
DISSOLVED SOLIDS: Maximum, 339 mg/L Nov. 21-30, 1978; minimum, 152 mg/L Dec. 21-31, 1978.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum daily, 553 micromhos Oct. 28; minimum daily, 270 micromhos Feb. 13, 14.
WATER TEMPERATURES: Maximum daily, 30.5°C July 22, Aug. 4, 15, 22, 31, Sept. 3; minimum daily, 4.5°C Jan. 13.
CHLORIDE: Maximum daily, 50 mg/L Oct. 29-31, Nov. 14, 16, Dec. 1, 2, 4-6; minimum daily, 16 mg/L Feb. 13, 14.
DISSOLVED SOLIDS: Maximum, 316 mg/L Oct. 21-31; minimum, 174 mg/L Feb. 11-20.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)
OCT											
07...	1500	482	7.4	25.0	5	10	<1.0	8.7	54	.9	310
NOV											
04...	1115	500	7.2	17.0	5	20	<1.0	9.2	74	3.9	1600
DEC											
08...	1405	535	7.6	12.5	10	20	<1.0	10.2	45	1.8	2300
JAN											
18...	1450	383	7.6	3.5	5	90	<1.0	12.9	110	3.1	6800
FEB											
11...	1300	304	7.2	3.5	20	200	<1.0	12.1	28	5.6	1600
MAR											
16...	1445	296	7.1	9.5	10	85	<1.0	10.2	19	2.4	1200
APR											
08...	1100	329	7.2	13.0	10	130	<1.0	8.8	47	1.3	1300
MAY											
11...	1350	396	7.2	19.0	30	80	<1.0	7.8	53	1.3	1600
JUN											
08...	1500	486	7.4	26.5	20	140	<1.0	6.3	48	.9	--
JUL											
13...	1200	480	7.6	29.0	5	100	<1.0	6.5	40	1.1	1100
AUG											
03...	1630	436	7.2	29.5	20	180	<1.0	6.4	24	.9	2200
SEP											
08...	1500	384	7.0	28.0	15	95	<1.0	6.7	23	1.8	K1300

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNESIUM, DIS-SOLVED (MG/L AS MG)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLORIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)
OCT 07...	100	180	46	15	126	63	36	25	--	<.01	1.2
NOV 04...	190	190	47	17	130	70	37	68	1.5	.01	1.5
DEC 08...	500	190	51	16	134	71	37	23	1.5	.04	1.5
JAN 18...	260	140	38	10	92	50	27	347	1.3	.02	1.3
FEB 11...	180	120	33	9.1	75	39	21	463	1.3	.04	1.3
MAR 16...	300	110	31	9.1	83	32	15	234	1.7	.04	1.7
APR 08...	K200	130	36	10	82	40	18	118	2.2	.06	2.3
MAY 11...	540	160	42	13	108	41	23	221	2.5	.02	2.5
JUN 08...	K300	160	43	13	110	60	49	271	1.9	.02	1.9
JUL 13...	740	160	45	12	118	42	31	221	2.3	.02	2.3
AUG 03...	820	170	46	14	116	56	24	482	2.4	.03	2.4
SEP 08...	--	140	38	11	107	34	21	209	1.5	.01	1.5

DATE	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYLLIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYLLIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHROMIUM, HEXA-VALENT, DIS. (UG/L AS CR)
OCT 07...	.48	.17	3	2	<10	1	3	1	10	<1
NOV 04...	.58	.29	2	1	<10	<1	<1	<1	10	<1
DEC 08...	.44	.21	1	1	<10	<1	<1	<1	10	<1
JAN 18...	.69	.14	2	1	<10	<1	<1	<1	10	<1
FEB 11...	.91	.39	3	2	<10	<1	<1	<1	30	<1
MAR 16...	1.1	.14	1	2	<10	<1	1	<1	20	<1
APR 08...	1.0	.39	2	1	<10	<1	2	<1	20	1
MAY 11...	.70	.15	2	1	<10	<1	1	1	20	<1
JUN 08...	<.10	.19	4	3	<10	<1	2	1	20	<1
JUL 13...	.80	.28	4	3	<10	<1	2	1	10	<1
AUG 03...	.80	.20	6	5	<10	<1	2	<1	20	<1
SEP 08...	1.0	.23	4	3	<10	<1	3	<1	10	<1

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY DISSOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)
OCT 07...	18	11	3	4	<1	.2	.3	6	2	<1
NOV 04...	21	13	32	4	<1	.1	<.1	6	3	<1
DEC 08...	12	6	12	8	<1	.2	.1	5	1	<1
JAN 18...	17	5	82	24	5	.1	<.1	10	8	1
FEB 11...	32	7	39	34	<1	.1	.1	28	3	1
MAR 16...	20	6	47	23	2	.1	<.1	13	3	<1
APR 08...	23	6	42	46	1	.2	<.1	15	4	<1
MAY 11...	15	6	11	18	3	<.1	<.1	10	4	<1
JUN 08...	39	14	44	28	4	.3	.1	28	6	<1
JUL 13...	28	11	11	90	2	.2	<.1	12	5	<1
AUG 03...	25	8	12	22	1	<.1	<.1	21	3	1
SEP 08...	16	7	15	14	<1	.3	.3	12	4	<1

DATE	SELENIUM, DISSOLVED (UG/L AS SE)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)	TRITIUM IN WATER MOLECULES (TU)	TRITIUM WATER MOLECULES COUNT ERROR (TU)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L)
OCT 07...	<1	<1.0	40	9	48.9	2.9	3.2	<.01	<1	<1
NOV 04...	<1	<1.0	60	5	48.3	2.8	3.9	<.01	<1	<1
DEC 08...	<1	1.0	50	5	43.6	1.9	4.4	<.01	1	<1
JAN 18...	<1	<1.0	80	5	36.3	1.8	6.3	<.01	<1	<1
FEB 11...	<1	1.0	80	6	31.3	1.3	10	<.01	1	<1
MAR 16...	<1	1.0	80	9	38.0	1.7	5.0	<.01	<1	<1
APR 08...	<1	<.1	30	10	29.4	1.2	13	<.01	<1	<1
MAY 11...	<1	1.1	150	5	--	--	5.0	<.01	<1	<1
JUN 08...	<1	1.2	110	10	33.1	1.4	6.6	<.01	<1	<1
JUL 13...	<1	1.7	90	13	31.7	1.4	14	<.01	1	<1
AUG 03...	1	1.6	110	12	33.9	1.5	5.8	<.01	<1	<1
SEP 08...	<1	4.3	110	7	34.4	1.5	4.3	<.01	<1	2

DATE	ACENAPHTHENE TOTAL (UG/L)	ACENAPHTHYLENE TOTAL (UG/L)	ANTHRACENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	BENZIDINE TOTAL (UG/L)	BENZO A ANTHRACENE1,2-BENZANTHRACENE TOTAL (UG/L)	BENZO-A-PYRENE TOTAL (UG/L)	BENZO B FLUORANTHENE TOTAL (UG/L)	BENZOGHI PERYLENE1,12-BENZOPERYLENE TOTAL (UG/L)	BENZO K FLUORANTHENE TOTAL (UG/L)	BROMOFORM TOTAL (UG/L)	N-BUTYL BENZYL PHTHALATE TOTAL (UG/L)
DEC 08...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 16...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

< Actual value is known to be less than the value shown.

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	CARBON-TETRA-CHLORIDE TOTAL (UG/L)	PARA-CHLORO-META CRESOL TOTAL (UG/L)	CHLORO-BENZENE TOTAL (UG/L)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L)	CHLORO-ETHANE TOTAL (UG/L)	CHLORO-OFORM TOTAL (UG/L)	CHRYSENE TOTAL (UG/L)	DI-N-BUTYL PHTHALATE TOTAL (UG/L)	DI-N-OCTYL PHTHALATE TOTAL (UG/L)	1,2,5,6-DIBENZ-ANTHRACENE TOTAL (UG/L)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L)
DEC 08...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 16...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	DIETHYL PHTHALATE TOTAL (UG/L)	DI-METHYL PHTHALATE TOTAL (UG/L)	4,6-DINITRO-ORTHO-CRESOL TOTAL (UG/L)	ETHYL-BENZENE TOTAL (UG/L)	FLUOR-ANTHENE TOTAL (UG/L)	FLUOR-ENE TOTAL (UG/L)	HEXA-CHLORO-BENZENE TOTAL (UG/L)	HEXA-CHLORO-BUTADIENE TOTAL (UG/L)	HEXA-CHLORO-CYCLO-PENTADIENE TOTAL (UG/L)	HEXA-CHLORO-ETHANE TOTAL (UG/L)	INDENO (1,2,3-CD) PYRENE TOTAL (UG/L)	ISO-PHORONE TOTAL (UG/L)
DEC 08...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 16...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	METHYL-BROMIDE TOTAL (UG/L)	METHYL-ENE CHLORIDE TOTAL (UG/L)	N-NITRO-SODI-N-PROPYL-AMINE TOTAL (UG/L)	N-NITRO-SODI-PHENYLAMINE TOTAL (UG/L)	NAPHTHALENES, POLY-CHLOR. TOTAL (UG/L)	NITRO-BENZENE TOTAL (UG/L)	N-NITRO-SODI-METHYLAMINE TOTAL (UG/L)	PHENAN-THRENE TOTAL (UG/L)	PHENOL (C6H-5OH) TOTAL (UG/L)	PYRENE TOTAL (UG/L)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L)	TOLUENE TOTAL (UG/L)
DEC 08...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 16...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L)	TRI-CHLORO-FLOURO-METHANE TOTAL (UG/L)	VINYL CHLORIDE TOTAL (UG/L)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L)	1,1,2,2 TETRA-CHLORO-ETHANE TOTAL (UG/L)	1,2-DI-CHLORO-BENZENE TOTAL (UG/L)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L)	1,2,4-TRI-CHLORO-BENZENE TOTAL (UG/L)
DEC 08...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0
MAR 16...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	1,3-DI-CHLORO-BENZENE TOTAL (UG/L)	1,3-DI-CHLORO-PROPANE TOTAL (UG/L)	1,4-DI-CHLORO-BENZENE TOTAL (UG/L)	CHLORO-ETHYL-ENE TOTAL (UG/L)	BIS (2-CHLORO-ETHOXY) METHANE TOTAL (UG/L)	BIS 2-CHLORO-ETHYL ETHER TOTAL (UG/L)	BIS (2-CHLORO-ISO-PROPYL) ETHER TOTAL (UG/L)	2-CHLORO-NAPHTHALENE TOTAL (UG/L)	2-CHLORO-PHENOL TOTAL (UG/L)	2-CHLORO-ETHYL-VINYL-ETHER TOTAL (UG/L)	BIS(2-ETHYL HEXYL) PHTHALATE TOTAL (UG/L)	2-NITRO-PHENOL TOTAL (UG/L)
DEC 08...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 16...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	2,3,7,8 TETRACHLORODI-BENZO-P-DIOXIN TOTAL (UG/L)	2,4-DI-CHLORO-PHENOL TOTAL (UG/L)	2,4-DI-METHYL-PHENOL TOTAL (UG/L)	2,4,-DI-NITRO-PHENOL TOTAL (UG/L)	2,4-DI-NITRO-TOLUENE TOTAL (UG/L)	2,4,6-TRI-CHLORO-PHENOL TOTAL (UG/L)	2,6-DI-NITRO-TOLUENE TOTAL (UG/L)	3,3'-DI-CHLORO-BENZIDINE TOTAL (UG/L)	4-BROMO-PHENYL PHENYL ETHER TOTAL (UG/L)	4-CHLORO-PHENYL PHENYL ETHER TOTAL (UG/L)	4-NITRO-PHENOL TOTAL (UG/L)
DEC 08...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 16...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

< Actual value is known to be less than the value shown.

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	502	501	550	458	362	320	355	369	506	430	451	380
2	503	511	551	460	365	320	351	369	503	429	449	380
3	500	500	545	462	367	320	354	369	506	431	411	380
4	500	500	551	462	369	328	353	368	506	430	412	381
5	500	500	551	---	311	327	360	385	496	430	413	380
6	497	501	551	297	348	327	371	384	497	430	413	380
7	495	500	551	297	350	328	369	385	453	434	414	384
8	492	500	---	---	340	337	369	385	452	445	413	379
9	493	501	463	297	---	339	366	385	453	445	412	370
10	516	488	464	296	277	312	366	384	453	446	410	370
11	516	503	463	297	277	312	363	434	453	444	480	370
12	517	531	488	296	276	311	349	417	412	442	480	370
13	517	531	484	297	270	311	368	425	412	439	480	370
14	517	531	484	297	270	312	360	425	413	416	480	370
15	517	530	485	373	276	312	359	417	411	415	480	370
16	519	532	484	369	277	311	360	418	412	416	480	370
17	526	531	484	414	277	336	359	417	412	444	480	353
18	524	520	483	415	277	338	361	416	411	416	480	353
19	529	521	484	414	277	---	360	417	405	415	483	353
20	539	521	485	363	291	337	360	417	405	416	483	352
21	531	519	488	414	289	338	392	504	407	419	483	353
22	528	484	489	365	288	375	372	503	407	415	484	353
23	538	483	488	370	285	375	388	504	405	401	484	353
24	533	483	479	364	292	375	389	503	407	401	484	390
25	552	494	488	414	293	375	390	505	404	401	484	391
26	552	---	488	415	319	375	387	504	405	401	483	390
27	552	494	488	367	319	375	391	505	406	401	483	391
28	553	496	475	364	319	375	376	506	407	401	469	390
29	549	497	476	414	---	367	371	506	405	440	471	390
30	549	496	463	414	---	355	339	506	405	402	380	390
31	549	---	462	365	---	356	---	506	---	442	380	---

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.0	19.0	15.0	8.0	5.5	9.0	15.0	17.5	27.0	28.0	30.0	29.5
2	25.0	19.5	14.5	8.5	5.0	8.5	13.0	17.0	27.5	27.5	29.5	29.5
3	25.0	20.0	14.0	7.5	5.0	8.0	13.5	17.5	27.5	27.0	28.5	30.5
4	25.5	19.0	13.5	6.0	5.5	6.5	13.5	18.0	26.0	28.5	30.5	30.0
5	25.5	19.5	13.0	---	5.0	6.0	13.0	---	28.5	28.0	29.0	29.5
6	25.0	19.5	12.5	6.0	5.0	7.0	13.5	---	29.0	27.5	30.0	30.0
7	25.5	18.5	11.5	5.5	5.5	6.5	14.0	---	26.5	28.0	30.0	29.5
8	25.0	18.0	---	5.5	5.5	7.5	14.0	---	27.0	27.5	29.5	29.5
9	25.0	17.5	10.0	5.5	---	8.5	14.5	---	27.5	28.0	30.0	28.0
10	24.5	17.0	11.5	6.0	7.0	8.0	15.0	---	27.5	28.5	29.5	29.5
11	24.0	16.0	11.0	5.5	6.0	7.0	15.5	20.0	28.5	28.0	29.0	28.5
12	23.5	17.0	11.5	5.0	5.5	7.5	15.0	20.0	26.5	28.0	29.5	29.0
13	23.5	17.0	10.5	4.5	5.0	8.0	15.5	20.5	26.5	28.5	30.0	30.0
14	23.0	18.0	10.5	5.0	7.0	8.5	16.0	20.5	27.5	27.5	30.0	29.5
15	22.0	17.5	10.0	5.0	6.5	9.0	15.5	21.0	27.0	28.0	30.5	29.5
16	22.5	16.5	8.5	7.0	6.5	9.0	15.0	22.5	26.5	28.0	30.0	29.0
17	22.0	16.5	9.0	5.0	6.5	12.0	15.5	22.5	26.0	28.0	29.5	27.0
18	20.5	16.5	9.0	5.5	7.0	12.0	16.0	21.5	27.0	27.5	30.0	27.5
19	21.5	16.0	8.5	6.0	7.5	---	15.5	23.5	27.5	28.5	29.5	26.5
20	21.5	16.0	9.5	5.5	8.0	11.5	16.0	24.0	28.0	29.5	30.0	26.5
21	---	15.5	9.5	6.5	8.5	12.5	16.5	27.0	27.5	30.0	29.5	26.0
22	---	16.0	9.0	5.0	9.0	13.5	15.5	27.0	26.0	30.5	30.5	27.0
23	21.0	16.5	9.5	5.5	9.5	13.0	16.5	27.5	28.0	28.5	29.5	26.0
24	19.5	16.0	8.5	6.0	10.0	12.0	16.0	26.5	28.5	29.0	29.0	25.5
25	19.5	16.5	10.0	6.5	10.0	11.5	17.0	26.0	27.5	29.0	29.0	26.5
26	20.0	---	8.5	5.5	7.5	11.0	16.0	26.5	28.0	28.0	28.5	26.5
27	20.5	16.5	10.0	6.5	6.5	10.0	16.5	26.5	28.5	28.5	29.5	25.5
28	19.5	15.5	8.5	5.0	8.0	10.5	17.5	25.5	28.5	29.5	30.0	25.0
29	20.5	16.0	8.0	5.5	---	---	18.5	26.0	27.5	30.0	30.0	25.5
30	19.0	15.0	8.5	5.5	---	14.0	18.0	27.0	28.0	29.5	30.0	24.5
31	19.5	---	9.0	5.0	---	---	---	27.5	---	29.0	30.5	---

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	44	50	23	22	20	24	20	44	31	26	21
2	37	41	50	34	21	20	24	20	44	32	26	22
3	34	40	46	29	24	19	24	22	46	29	26	21
4	34	42	50	29	22	17	23	22	42	32	24	22
5	34	42	50	---	20	17	23	22	48	30	24	22
6	38	39	50	22	27	18	20	22	45	32	25	22
7	35	42	49	22	21	20	22	22	34	32	25	22
8	39	43	---	---	24	20	23	19	34	30	24	24
9	38	41	42	22	---	20	23	23	34	30	24	21
10	37	35	38	22	18	18	22	22	36	29	24	21
11	34	40	37	20	18	19	22	26	36	27	29	21
12	34	49	38	20	18	17	23	22	29	30	26	22
13	34	46	40	20	16	18	24	24	34	30	28	21
14	32	50	38	19	16	20	20	26	30	32	28	22
15	34	48	40	28	18	19	19	24	31	30	30	21
16	33	50	38	24	20	21	20	24	28	32	27	22
17	36	46	41	35	22	22	21	24	28	28	29	21
18	30	44	41	34	18	21	21	20	28	32	28	20
19	38	43	43	34	19	---	19	24	28	34	28	20
20	34	46	40	25	17	24	20	25	28	32	29	20
21	35	44	40	34	18	21	24	44	27	32	30	20
22	34	40	40	24	18	26	22	42	28	31	29	22
23	33	41	40	24	20	26	21	44	28	28	30	23
24	34	40	40	24	19	26	22	44	28	29	29	22
25	45	40	43	34	18	25	22	43	28	28	29	23
26	46	---	41	34	18	25	24	44	28	27	30	23
27	46	42	42	24	18	25	22	44	32	26	28	22
28	48	40	34	24	19	25	24	44	28	28	27	23
29	50	40	31	33	---	25	21	46	27	28	26	22
30	50	40	30	33	---	24	20	43	28	29	21	23
31	50	---	30	24	---	23	---	44	---	27	21	---

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)
OCT		
01-10	297	.40
11-20	312	.42
21-31	316	.43
NOV		
01-10	305	.41
11-20	314	.43
21-30	307	.42
DEC		
11-20	282	.38
21-31	289	.39
JAN		
01-10	237	.32
11-20	218	.30
21-31	233	.32
FEB		
01-10	215	.29
11-20	174	.24
21-28	183	.25
MAR		
01-10	206	.28
11-20	196	.27
21-31	229	.31
APR		
01-10	227	.31
11-20	238	.32
21-30	242	.33
MAY		
01-10	225	.31
11-20	258	.35
21-31	299	.41
JUN		
01-10	298	.41
11-20	253	.34
21-30	253	.34
JUL		
01-10	281	.38
11-20	268	.36
21-31	267	.36
AUG		
01-10	251	.34
11-20	272	.37
21-31	282	.38
SEP		
01-10	225	.31
11-20	209	.28
21-30	224	.30

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA

LOCATION.--Lat 29°57'03", long 90°08'17", Jefferson-Orleans Parish line, Hydrologic Unit 08090100, at Carrollton Street Municipal Water Plant intakes and at mile 103.8 (167.0 km).

DRAINAGE AREA.--1,129,900 mi² (2,926,400 km²), arbitrarily determined.

PERIOD OF RECORD.--Water years 1905-06, 1951-52, 1954-55, 1967 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: August 1954 to September 1955, October 1968 to current year.
pH: October 1976 to current year.
WATER TEMPERATURES: August 1954 to September 1955, November 1970 to current year.
DISSOLVED OXYGEN: October 1968 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1968.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 630 micromhos Sept. 20, 1969; minimum, 200 micromhos May 1, 1975.
pH: Maximum, 7.9 units on several days during fall and winter 1976 and 1979, Oct. 1, 1980; minimum, 6.8 units Apr. 9, May 1-5, 1980.
WATER TEMPERATURES: Maximum, 32.5°C July 14-22, 1980; minimum, 1.5°C Feb. 6-14, 1978.
DISSOLVED OXYGEN: Maximum, 13.9 mg/L Feb. 23, 24, 1976, Jan. 27-29, 1982; minimum, 3.8 mg/L July 23, Aug. 1, 1969, Aug. 26, 1977.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A pH of 8.2 units was observed Apr. 8, May 13, 1976.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 597 micromhos Dec. 5; minimum, 253 micromhos Feb. 18.
pH: Maximum, 7.7 units Oct. 8, 16-26; minimum, 7.0 units Sept. 19.
WATER TEMPERATURES: Maximum, 30.5°C July 28, 29, Aug. 20; minimum, 3.0°C Feb. 13-15.
DISSOLVED OXYGEN: Maximum, 13.9 mg/L Jan. 27-29; minimum, 5.0 mg/L Aug. 18.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (FTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)
OCT 07...	1430	499	7.3	25.0	5	10	8.5	1.6
JAN 19...	1100	363	7.5	3.5	5	85	12.9	2.2
APR 07...	1830	331	7.2	13.0	20	130	8.8	3.8
JUL 13...	1335	475	7.4	29.0	10	90	6.4	.0

DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)
OCT 07...	K100	K64	170	43	15	33	3.2	116	61
JAN 19...	440	900	140	38	10	20	2.6	89	49
APR 07...	K140	2900	130	35	10	15	3.2	82	40
JUL 13...	460	1100	160	45	12	24	3.7	117	53

DATE	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 07...	42	.4	6.6	307	274	1.4	.44	.26
JAN 19...	25	.2	5.0	219	203	1.3	.68	.17
APR 07...	18	.2	6.5	191	177	2.2	.77	.21
JUL 13...	30	.3	7.9	289	246	2.2	.40	.27

K Results based on colony count outside the acceptable range (non-ideal count).

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC DIS-SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT-TOM MA-TERIAL (UG/G AS AS)	CADMIUM DIS-SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CD)	CHRO-MIUM, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, DIS-SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)
OCT											
07...	2	<1	4	<1	5	<1	26	8	12	690	<1

DATE	LEAD, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY RECOV. FM BOT-TOM MA-TERIAL (UG/G AS HG)	ZINC, DIS-SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	PCB, TOTAL (UG/L)
OCT											
07...	<10	2	620	.3	<.01	39	18	3.6	<.01	<1	<.10

DATE	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	CHLOR-DANE, TOTAL (UG/L)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT											
07...	16	<.1	<1.0	<.01	<.1	<.1	7.0	<.01	3.8	<.01	2.3

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-AZINON, TOTAL (UG/L)	DI-AZINON, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-ELDRIN TOTAL (UG/L)	DI-ELDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDO-SULFAN, TOTAL (UG/L)	ENDO-SULFAN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
07...	<.01	.9	.01	<.1	<.01	.5	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	MALA-THION, TOTAL (UG/L)	MALA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
07...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METH-OXY-CHLOR, TOTAL (UG/L)	METH-OXY-CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA-THION, TOTAL (UG/L)	METHYL PARA-THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI-THION, TOTAL (UG/L)	METHYL TRI-THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	PARA-THION, TOTAL (UG/L)	PARA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
07...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PER-THANE TOTAL (UG/L)	PER-THANE IN BOTTOM MATERIL (UG/KG)	TOX-APHENE, TOTAL (UG/L)	TOXA-PHENE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TRI-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
07...	<.01	<.10	<.1	<1.0	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	507	480	556	538	555	541	487	464	370	344	313	300
2	518	500	536	530	573	551	463	453	344	340	319	310
3	526	500	547	537	578	561	458	431	329	292	312	308
4	520	505	545	534	584	570	460	451	294	273	309	296
5	516	506	538	533	597	586	455	442	272	267	302	298
6	514	508	541	536	576	549	440	423	289	272	300	294
7	521	507	541	529	590	541	426	415	319	292	300	296
8	518	500	528	510	583	564	431	418	333	323	301	294
9	524	505	514	507	574	555	439	425	325	311	300	294
10	540	525	507	500	558	545	428	415	316	303	301	297
11	539	519	527	500	559	544	414	402	310	306	304	298
12	519	515	556	530	570	557	405	398	314	310	302	296
13	530	520	559	542	565	554	400	393	310	300	298	290
14	548	540	562	528	555	542	401	394	300	288	299	293
15	550	540	545	529	540	506	402	395	286	274	302	296
16	545	534	552	547	506	476	401	376	274	264	307	299
17	545	538	554	544	476	465	374	356	264	255	309	301
18	551	539	550	542	476	467	359	354	261	253	314	308
19	546	531	551	541	493	473	359	349	264	258	322	312
20	537	521	561	552	492	487	348	339	270	264	327	321
21	531	523	567	556	488	473	343	336	274	268	337	325
22	534	527	557	534	483	470	339	333	272	263	336	330
23	553	536	534	516	503	481	344	330	268	260	352	335
24	556	543	521	510	491	481	343	340	265	260	364	352
25	550	540	521	514	488	473	346	337	270	264	369	358
26	563	551	524	512	487	479	353	343	269	264	373	365
27	576	561	526	520	489	475	359	351	279	267	373	358
28	585	575	526	523	480	466	355	349	301	279	366	361
29	587	578	527	518	477	467	350	349	---	---	371	363
30	583	570	540	528	486	467	363	354	---	---	370	356
31	569	555	---	---	488	479	372	359	---	---	365	351

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	360	354	370	362	494	478	398	391	452	444	493	475
2	356	349	367	359	496	485	407	399	457	445	495	485
3	353	345	364	359	491	484	417	403	458	438	489	452
4	351	347	363	360	485	469	421	415	439	420	451	425
5	352	346	363	356	475	466	423	420	416	395	423	401
6	350	346	361	354	486	476	425	420	395	376	401	389
7	351	345	364	354	488	484	434	422	383	366	391	385
8	350	343	365	359	499	490	430	427	379	369	391	378
9	352	345	376	365	496	480	435	427	387	378	390	382
10	351	344	387	377	482	462	430	423	394	387	392	378
11	348	344	397	386	464	450	438	426	405	392	400	386
12	350	344	411	398	456	444	451	437	418	398	416	397
13	349	344	418	408	448	443	467	449	424	413	446	418
14	345	340	418	413	438	420	470	462	439	424	446	418
15	342	340	424	417	416	405	478	468	434	429	416	385
16	346	339	423	419	403	396	482	472	439	423	400	381
17	345	338	423	419	397	388	491	480	443	432	406	397
18	346	343	421	416	392	383	495	487	447	437	395	388
19	350	343	423	410	388	383	494	468	452	439	386	376
20	359	345	411	399	391	391	470	445	460	449	379	371
21	356	351	406	402	399	388	446	430	464	454	371	366
22	360	354	409	404	412	399	437	420	467	464	364	359
23	361	352	427	410	414	407	421	411	478	465	356	351
24	359	343	457	428	409	397	417	409	481	471	354	342
25	348	342	482	455	399	392	420	408	474	467	360	348
26	353	346	494	483	396	388	421	414	471	460	361	352
27	363	352	486	465	392	386	431	418	460	455	366	356
28	367	361	465	448	390	383	441	430	455	449	376	371
29	374	366	451	440	391	387	439	431	450	444	380	375
30	371	366	464	451	394	389	452	436	454	446	379	372
31	---	---	478	465	---	---	455	442	477	455	---	---

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

PH (STANDARD UNITS), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.5	7.5	7.5	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.2	7.2
2	7.5	7.5	7.5	7.5	7.4	7.4	7.5	7.4	7.5	7.4	7.2	7.2
3	7.5	7.4	7.5	7.5	7.4	7.4	7.5	7.5	7.5	7.4	7.2	7.2
4	7.5	7.4	7.5	7.5	7.4	7.4	7.5	7.4	7.4	7.3	7.4	7.2
5	7.5	7.5	7.5	7.5	7.4	7.4	7.5	7.4	7.4	7.3	7.4	7.3
6	7.6	7.5	7.5	7.5	7.4	7.4	7.5	7.4	7.4	7.3	7.4	7.3
7	7.5	7.4	7.5	7.5	7.5	7.4	7.5	7.5	7.4	7.3	7.4	7.3
8	7.7	7.5	7.5	7.4	7.5	7.4	7.5	7.5	7.5	7.4	7.4	7.3
9	7.5	7.4	7.4	7.4	7.5	7.4	7.5	7.4	7.5	7.4	7.4	7.3
10	7.5	7.4	7.4	7.4	7.5	7.4	7.4	7.4	7.5	7.4	7.3	7.3
11	7.6	7.5	7.4	7.4	7.5	7.4	7.4	7.3	7.6	7.5	7.3	7.3
12	7.6	7.6	7.4	7.4	7.5	7.5	7.4	7.4	7.6	7.5	7.3	7.3
13	7.6	7.6	7.4	7.4	7.5	7.5	7.5	7.4	7.5	7.5	7.3	7.3
14	7.6	7.6	7.4	7.4	7.5	7.5	7.5	7.4	7.5	7.4	7.3	7.3
15	7.7	7.6	7.4	7.4	7.5	7.5	7.5	7.4	7.5	7.5	7.3	7.3
16	7.7	7.6	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.3	7.3
17	7.7	7.7	7.4	7.4	7.5	7.4	7.5	7.5	7.5	7.4	7.3	7.3
18	7.7	7.6	7.4	7.4	7.5	7.4	7.6	7.5	7.4	7.4	7.3	7.3
19	7.7	7.6	7.4	7.4	7.5	7.4	7.6	7.6	7.4	7.3	7.3	7.3
20	7.7	7.6	7.5	7.4	7.5	7.4	7.6	7.5	7.3	7.3	7.3	7.3
21	7.7	7.7	7.5	7.4	7.5	7.4	7.6	7.5	7.3	7.3	7.3	7.3
22	7.7	7.7	7.4	7.4	7.5	7.5	7.5	7.5	7.3	7.2	7.4	7.3
23	7.7	7.7	7.4	7.4	7.5	7.5	7.5	7.5	7.3	7.2	7.4	7.3
24	7.7	7.7	7.4	7.4	7.5	7.5	7.5	7.4	7.2	7.2	7.5	7.4
25	7.7	7.7	7.4	7.3	7.5	7.4	7.5	7.5	7.2	7.2	7.4	7.4
26	7.7	7.6	7.4	7.4	7.5	7.4	7.5	7.5	7.1	7.1	7.4	7.1
27	7.6	7.6	7.4	7.4	7.5	7.4	7.5	7.4	7.1	7.1	7.1	7.1
28	7.6	7.6	7.4	7.4	7.5	7.4	7.5	7.5	7.2	7.1	7.1	7.1
29	7.6	7.6	7.4	7.4	7.4	7.4	7.5	7.5	---	---	7.2	7.1
30	7.6	7.5	7.4	7.4	7.4	7.4	7.5	7.5	---	---	7.2	7.1
31	7.5	7.5	---	---	7.5	7.4	7.5	7.4	---	---	7.2	7.1

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.2	7.1	7.2	7.2	7.3	7.3	7.2	7.2	7.4	7.4	7.4	7.3
2	7.2	7.1	7.2	7.2	7.3	7.2	7.2	7.2	7.4	7.4	7.4	7.3
3	7.2	7.1	7.2	7.2	7.3	7.2	7.2	7.2	7.4	7.4	7.3	7.3
4	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.4	7.3	7.3
5	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.2	7.2
6	7.2	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.3	7.2	7.2
7	7.2	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.2
8	7.2	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.2
9	7.2	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3
10	7.2	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3
11	7.2	7.1	7.3	7.2	7.2	7.2	7.3	7.2	7.3	7.3	7.3	7.3
12	7.2	7.1	7.3	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3
13	7.2	7.2	7.3	7.3	7.2	7.2	7.3	7.3	7.3	7.3	7.4	7.3
14	7.2	7.2	7.3	7.3	7.2	7.1	7.4	7.3	7.4	7.3	7.4	7.3
15	7.2	7.2	7.3	7.3	7.2	7.1	7.4	7.2	7.4	7.4	7.3	7.3
16	7.2	7.2	7.3	7.3	7.2	7.1	7.4	7.4	7.4	7.4	7.3	7.3
17	7.2	7.2	7.4	7.3	7.2	7.2	7.4	7.4	7.4	7.3	7.3	7.3
18	7.2	7.2	7.4	7.3	7.2	7.2	7.4	7.4	7.4	7.3	7.3	7.3
19	7.3	7.2	7.4	7.3	7.2	7.2	7.4	7.4	7.4	7.4	7.3	7.0
20	7.3	7.2	7.4	7.3	7.2	7.2	7.4	7.3	7.5	7.4	7.3	7.2
21	7.3	7.2	7.3	7.3	7.2	7.2	7.3	7.3	7.5	7.4	7.2	7.2
22	7.2	7.2	7.3	7.3	7.2	7.2	7.3	7.3	7.5	7.4	7.2	7.2
23	7.3	7.2	7.3	7.3	7.2	7.2	7.3	7.3	7.5	7.4	7.3	7.2
24	7.3	7.2	7.3	7.3	7.2	7.2	7.3	7.2	7.5	7.4	7.3	7.2
25	7.3	7.2	7.3	7.3	7.2	7.2	7.3	7.2	7.5	7.4	7.3	7.2
26	7.3	7.2	7.3	7.2	7.2	7.2	7.3	7.3	7.5	7.4	7.3	7.2
27	7.2	7.2	7.3	7.2	7.2	7.2	7.3	7.3	7.5	7.3	7.3	7.2
28	7.2	7.2	7.3	7.3	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3
29	7.2	7.2	7.3	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3
30	7.2	7.2	7.3	7.2	7.2	7.2	7.4	7.3	7.3	7.3	7.3	7.2
31	---	---	7.3	7.3	---	---	7.4	7.4	7.4	7.3	---	---

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	25.5	25.5	18.0	17.5	15.5	15.5	8.0	8.0	6.0	5.5	7.0	6.5
2	25.5	25.5	17.5	17.5	15.5	15.0	8.0	8.0	6.0	5.5	6.5	6.5
3	25.5	25.5	17.5	17.5	15.0	15.0	8.5	8.0	5.5	5.5	6.5	6.5
4	25.5	25.5	17.5	17.5	15.0	14.5	8.5	8.0	5.5	5.0	6.5	6.5
5	25.5	25.5	17.5	17.0	14.0	14.0	8.0	8.0	5.5	5.0	6.5	6.5
6	25.5	25.5	17.5	17.0	14.0	13.5	8.0	7.5	5.0	5.0	6.5	6.5
7	25.5	25.5	17.0	17.0	13.5	13.0	8.0	7.5	5.0	4.5	6.5	6.5
8	25.5	25.5	17.0	16.5	13.0	13.0	7.5	7.5	4.5	4.5	7.0	6.5
9	25.5	25.0	17.0	17.0	13.0	12.5	7.5	7.0	4.5	4.0	7.0	6.5
10	25.5	25.0	17.0	16.5	12.5	12.0	7.0	7.0	4.0	4.0	7.5	7.0
11	25.5	25.0	16.5	16.5	12.0	12.0	7.0	6.0	4.0	3.5	7.5	7.5
12	25.0	25.0	16.5	16.5	11.5	11.5	6.0	6.0	3.5	3.5	8.0	7.5
13	25.0	24.5	16.5	16.0	11.5	11.0	6.0	5.5	3.5	3.0	8.5	8.0
14	24.5	24.0	16.5	16.0	11.0	10.5	5.5	4.5	3.0	3.0	9.0	8.5
15	24.0	23.5	16.0	16.0	10.5	10.5	4.5	4.0	3.5	3.0	9.5	9.0
16	23.5	23.5	16.5	16.0	10.5	10.0	4.0	4.0	3.5	3.5	10.0	9.5
17	23.0	23.0	16.0	16.0	10.5	10.0	4.0	3.5	4.0	3.5	10.5	10.0
18	23.0	22.0	16.0	16.0	10.0	9.0	3.5	3.5	4.5	4.0	11.0	10.5
19	22.0	22.0	16.0	16.0	9.0	9.0	4.0	3.5	5.0	4.0	11.0	11.0
20	22.0	21.5	16.0	15.5	9.0	8.5	4.0	3.5	5.0	5.0	11.5	11.0
21	22.0	21.5	15.5	15.5	9.0	8.5	4.0	3.5	5.0	5.0	12.0	12.0
22	22.0	21.5	15.5	15.0	9.0	8.5	4.5	4.0	5.5	5.0	12.0	12.0
23	21.5	21.0	15.5	15.0	8.5	8.5	4.5	4.0	5.5	5.0	12.5	12.0
24	21.0	20.5	15.5	15.0	8.5	8.0	4.5	4.0	6.0	5.5	12.5	12.5
25	20.5	20.0	15.5	15.0	8.0	8.0	5.0	4.5	6.5	6.0	13.0	12.5
26	20.0	19.5	15.5	15.0	8.0	8.0	5.0	4.5	6.5	6.5	12.5	12.5
27	19.5	19.0	15.5	15.0	8.5	8.0	4.5	4.5	7.0	6.5	12.5	12.5
28	19.0	19.0	15.5	15.0	8.5	8.5	4.5	4.5	7.0	7.0	12.5	12.0
29	19.0	18.5	15.5	15.5	8.5	8.5	5.0	4.5	---	---	12.5	12.0
30	18.5	18.5	15.5	15.5	8.5	8.0	5.5	5.0	---	---	12.5	12.5
31	18.0	18.0	---	---	8.5	8.0	5.5	5.5	---	---	13.0	12.5

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	13.0	12.5	16.5	16.0	26.0	25.5	26.5	26.0	30.0	29.5	30.0	29.5
2	13.0	13.0	17.0	16.5	26.0	26.0	26.5	26.0	29.5	29.0	29.5	29.5
3	13.5	13.0	17.0	17.0	26.0	26.0	26.5	26.5	29.5	29.0	29.5	29.5
4	13.0	13.0	17.5	17.0	26.0	26.0	27.0	26.5	29.5	29.0	29.5	29.0
5	13.5	13.0	17.5	17.5	26.5	26.0	27.0	27.0	29.5	29.0	29.5	29.0
6	13.5	13.0	18.0	17.5	26.5	26.5	27.5	27.0	29.5	29.0	29.0	29.0
7	13.5	13.0	18.0	18.0	26.5	26.5	28.0	27.5	29.0	29.0	29.0	29.0
8	13.5	13.0	18.5	18.0	26.5	26.0	28.5	28.0	29.0	29.0	29.0	28.5
9	13.5	13.5	18.5	18.0	26.0	26.0	28.5	28.5	29.5	29.0	28.5	28.0
10	13.5	13.0	18.5	18.5	26.0	25.5	28.5	28.5	29.5	29.5	28.0	28.0
11	13.0	13.0	19.0	18.5	25.5	25.5	29.0	28.5	30.0	29.5	28.0	27.5
12	13.5	13.0	19.5	19.0	25.5	25.5	29.0	29.0	30.0	29.5	27.5	27.0
13	13.5	13.0	19.5	19.5	25.5	25.5	29.0	29.0	29.5	29.5	27.5	27.0
14	13.5	13.0	20.0	19.5	25.5	25.5	29.5	29.0	30.0	29.5	27.0	27.0
15	13.0	13.0	20.5	20.0	25.5	25.0	29.5	29.0	30.0	29.5	27.0	26.5
16	13.5	13.0	20.5	20.5	25.0	25.0	29.0	29.0	30.0	29.5	27.0	27.0
17	13.5	13.5	21.0	20.5	25.0	25.0	29.0	29.0	30.0	30.0	27.5	27.0
18	13.5	13.5	21.0	21.0	25.0	25.0	29.0	29.0	30.0	30.0	27.5	27.0
19	13.5	13.5	21.5	21.0	25.0	25.0	29.0	29.0	30.0	30.0	28.0	27.5
20	14.0	13.5	22.0	21.5	25.0	25.0	29.0	29.0	30.5	30.0	28.0	27.5
21	14.0	14.0	22.5	22.0	25.5	25.0	29.5	29.0	30.0	30.0	28.0	27.5
22	14.0	14.0	23.0	22.5	25.5	25.5	29.5	29.5	30.0	30.0	27.5	27.0
23	14.0	14.0	23.5	23.0	25.5	25.5	29.5	29.5	30.0	29.5	27.5	27.0
24	14.0	14.0	23.5	23.5	25.5	25.5	29.5	29.5	30.0	29.5	27.0	26.5
25	14.5	14.0	24.0	23.5	25.5	25.0	29.5	29.5	30.0	30.0	26.5	26.0
26	14.5	14.0	24.5	24.0	25.5	25.0	30.0	29.5	30.0	29.5	26.0	25.5
27	15.0	14.5	24.5	24.0	25.5	25.0	30.0	30.0	30.0	29.5	25.5	25.5
28	15.0	15.0	25.0	24.5	25.5	25.5	30.5	30.0	30.0	30.0	25.5	25.0
29	15.5	15.0	25.0	25.0	26.0	25.5	30.5	30.0	30.0	30.0	25.0	25.0
30	16.0	15.5	25.5	25.0	26.0	26.0	30.0	30.0	30.0	30.0	25.0	24.5
31	---	---	25.5	25.5	---	---	30.0	29.5	30.0	29.5	---	---

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.7	7.6	8.0	7.7	9.2	8.4	11.7	11.6	13.2	13.1	10.8	10.2
2	7.5	7.2	7.9	7.5	9.0	8.9	11.9	11.6	13.2	13.1	10.8	10.5
3	7.2	6.8	8.9	7.6	9.1	8.8	11.9	11.8	13.2	12.8	10.9	10.5
4	---	---	9.1	8.7	9.2	9.0	11.8	11.5	13.3	12.8	12.0	10.6
5	---	---	9.1	8.7	9.3	8.9	11.8	11.4	13.2	13.1	11.6	11.0
6	---	---	9.1	8.6	9.4	9.2	11.9	11.6	13.1	12.8	11.0	10.8
7	---	---	9.1	8.7	9.6	9.3	12.2	11.8	13.2	12.8	10.9	10.8
8	---	---	9.1	8.7	9.9	9.4	11.9	11.7	13.4	13.0	10.9	10.7
9	7.7	7.5	8.9	8.7	9.8	9.4	11.9	11.6	13.2	12.7	10.8	10.6
10	7.7	7.3	8.9	8.8	9.7	9.5	11.6	11.4	13.2	12.5	10.8	10.7
11	7.5	7.2	9.0	8.8	9.7	9.5	11.7	11.3	13.2	12.1	10.7	10.6
12	7.3	7.2	9.0	8.8	9.8	9.6	11.8	11.6	---	---	10.7	10.6
13	---	---	9.1	8.8	9.9	9.7	11.8	11.7	---	---	10.7	10.5
14	---	---	9.1	8.7	10.0	9.9	12.1	11.8	11.9	10.6	10.5	10.4
15	---	---	9.2	8.8	10.1	9.9	12.3	12.0	11.8	11.3	10.4	10.4
16	---	---	9.2	8.9	10.2	9.9	12.5	12.0	11.8	11.5	10.3	10.2
17	---	---	9.2	8.9	10.2	9.9	12.3	12.1	12.2	11.5	10.2	10.1
18	7.6	7.1	9.1	8.1	10.1	9.8	13.0	12.3	12.1	11.5	10.1	10.0
19	7.7	7.3	9.0	8.8	10.1	9.9	12.9	12.7	11.8	11.3	10.0	9.9
20	7.5	7.2	8.9	8.7	10.2	10.0	13.1	12.7	11.8	11.3	9.8	9.7
21	8.5	7.3	8.9	8.7	10.5	10.1	13.1	12.8	12.0	11.5	9.8	9.7
22	8.6	8.3	8.9	8.7	10.8	10.5	13.0	12.8	12.1	11.6	9.7	9.6
23	8.7	8.6	9.0	8.7	10.7	10.3	12.9	12.8	11.7	11.0	9.6	9.5
24	9.0	8.7	8.9	8.6	10.4	10.3	13.0	12.6	11.7	11.4	9.4	9.2
25	9.0	8.8	8.9	8.6	10.5	10.3	13.6	12.6	11.6	11.4	9.3	9.1
26	8.8	8.6	8.8	8.6	10.8	10.3	13.3	12.9	11.4	11.1	9.1	8.9
27	8.7	8.6	8.8	8.7	10.8	10.5	13.9	13.1	11.1	9.8	8.9	8.9
28	8.6	8.5	8.7	8.4	10.6	10.4	13.9	13.7	10.6	10.3	9.0	8.9
29	8.4	8.3	8.6	8.3	10.4	10.1	13.9	13.7	---	---	9.0	8.8
30	8.2	8.1	8.6	8.5	11.9	10.4	13.8	13.6	---	---	8.8	8.7
31	8.0	7.6	---	---	12.0	11.6	13.6	13.2	---	---	8.7	8.6

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.6	8.5	8.6	8.0	7.0	6.8	---	---	5.8	5.7	5.9	5.8
2	8.5	8.4	8.4	8.1	6.8	6.6	---	---	6.0	5.7	5.9	5.8
3	8.4	8.3	8.1	7.9	6.6	6.4	---	---	6.0	5.8	5.9	5.8
4	8.3	8.2	8.0	7.7	6.4	6.3	---	---	5.8	5.6	5.9	5.8
5	8.3	8.2	7.8	7.7	6.4	6.3	---	---	5.6	5.5	5.9	5.8
6	8.2	8.1	7.7	7.6	6.5	6.4	---	---	6.0	5.5	5.8	5.7
7	8.1	8.1	7.6	7.5	6.4	6.4	---	---	5.9	5.7	6.0	5.8
8	8.2	8.0	7.5	7.3	6.5	6.4	---	---	5.9	5.7	6.1	5.9
9	9.2	8.0	7.4	7.3	6.4	6.3	---	---	5.8	5.7	6.3	6.1
10	9.1	9.0	7.7	7.2	6.3	6.3	---	---	5.7	5.7	6.3	6.2
11	9.1	9.0	7.7	7.6	6.3	6.2	---	---	5.7	5.6	6.5	6.3
12	9.1	8.9	7.6	7.5	6.3	6.2	---	---	5.6	5.5	6.5	6.4
13	9.0	8.8	7.5	7.4	6.3	6.2	---	---	5.6	5.5	6.4	6.3
14	8.9	8.8	7.4	7.3	6.3	6.2	---	---	5.6	5.5	6.3	6.2
15	8.8	8.8	7.3	7.2	6.4	6.2	---	---	5.6	5.5	6.3	6.2
16	8.4	8.3	7.2	7.1	6.5	6.4	---	---	5.5	5.4	6.2	6.0
17	8.3	8.2	7.1	7.0	6.5	6.4	---	---	5.4	5.1	6.4	6.0
18	8.2	8.1	7.0	6.8	6.9	6.5	6.2	6.1	5.3	5.0	6.4	6.3
19	8.1	8.1	6.8	6.7	6.9	6.9	6.1	6.0	5.9	5.1	6.4	6.3
20	8.1	7.9	7.4	6.6	7.1	6.6	6.0	5.9	5.9	5.8	6.3	6.2
21	7.9	7.8	7.4	7.1	7.1	6.6	6.0	5.7	6.0	5.9	6.2	6.2
22	7.7	7.6	7.1	6.9	7.1	6.7	5.9	5.8	6.2	6.0	6.3	6.1
23	7.6	7.5	6.9	6.7	6.7	6.3	5.9	5.8	6.0	5.9	6.4	6.2
24	7.5	7.3	6.7	6.6	6.3	6.0	5.8	5.7	6.0	5.9	6.8	6.2
25	---	---	6.6	6.4	---	---	5.8	5.6	6.0	5.9	6.9	6.8
26	---	---	6.3	6.1	---	---	5.7	5.6	6.0	5.9	7.1	6.9
27	---	---	6.1	5.9	---	---	5.7	5.6	6.1	5.9	7.2	7.0
28	9.0	8.5	7.3	5.8	---	---	5.7	5.6	6.0	5.9	7.4	7.2
29	8.8	8.5	7.2	7.1	---	---	5.7	5.7	6.0	5.9	7.5	7.4
30	8.7	8.4	7.1	7.0	---	---	5.8	5.7	6.0	5.9	7.6	7.4
31	---	---	7.1	7.0	---	---	5.8	5.8	6.0	5.9	---	---

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 29°51'25", long 89°58'40", in lot 20, T.14 S., R.12 E., Plaquemines Parish, Hydrologic Unit 08090100, at ferry crossing at Belle Chasse and at mile 76.0 (122.3 km).

DRAINAGE AREA.--1,129,930 mi^2 (2,926,500 km^2), arbitrarily determined.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1974 to current year.
WATER TEMPERATURES: October 1975 to current year.
CHLORIDE: October 1974 to current year.
SULFATE: October 1974 to September 1978.
DISSOLVED SOLIDS: October 1978 to current year.

REMARKS.--Sediment data revised for 1981 water year.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 692 micromhos Jan. 31, 1981; minimum daily, 248 micromhos Mar. 31, 1976, Jan. 24, 1979.
WATER TEMPERATURES: Maximum daily, 32.0°C on several days during July and August, 1977, July 16, 17, 18, 1980, Aug. 3, 1981; minimum daily, 2.0°C Feb. 6, 8, 10, 11, 1978.
CHLORIDE: Maximum daily, 85 mg/L June 26, 27, 1977; minimum daily, 11 mg/L Apr. 21, May 12, 1975.
SULFATE: Maximum daily, 93 mg/L Oct. 30, 1976; minimum daily, 28 mg/L Feb. 3, 1975.
DISSOLVED SOLIDS: Maximum, 371 mg/L Feb. 1-10, 1981; minimum, 156 mg/L Jan. 21-31, 1979.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum daily, 599 micromhos Oct. 31; minimum daily, 263 micromhos Feb. 18.
WATER TEMPERATURES: Maximum daily, 31.0°C Aug. 15, 16; minimum daily, 5.0°C Jan. 24, 26-28, Feb. 7, 8.
CHLORIDE: Maximum daily, 61 mg/L Oct. 31; minimum daily, 18 mg/L Feb. 25, Mar. 6, 7.
DISSOLVED SOLIDS: Maximum, 339 mg/L Oct. 21-31; minimum, 172 mg/L Feb. 21-28.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 07...	1100	184000	514	7.2	25.5	5	8.0	8.2	.5	140
DEC 09...	1345	270000	525	7.5	13.0	10	1.4	9.0	.6	480
FEB 10...	1530	886000	324	7.3	--	30	140	12.1	4.9	K260
APR 07...	1455	931000	331	7.3	13.5	20	150	8.8	1.4	310
JUN 08...	0915	580000	488	7.3	26.5	20	120	6.1	3.9	960
AUG 03...	1330	417000	462	7.2	29.5	20	65	6.2	.8	740

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT 07...	K47	190	46	18	31	3.8	125	70	40	.6
DEC 09...	300	190	49	17	44	3.6	136	69	48	.4
FEB 10...	1900	120	32	8.8	20	2.9	77	42	24	.2
APR 07...	1200	130	35	10	15	3.2	85	41	18	.2
JUN 08...	4800	160	43	13	34	3.6	111	53	47	.3
AUG 03...	1800	180	49	15	29	4.1	116	53	31	.4

K Results based on colony count outside the acceptable range (non-ideal count).

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT									
07...	3.4	314	288	.03	.08	.54	.07	.02	.02
DEC									
09...	5.7	338	319	1.4	.06	.79	.28	--	.18
FEB									
10...	5.6	192	182	1.2	.18	.51	.48	.05	.05
APR									
07...	6.5	195	180	2.2	.08	.68	.26	.06	.06
JUN									
08...	5.8	298	267	2.0	.12	.40	.24	.12	.12
AUG									
03...	8.2	304	260	2.5	.14	.60	.23	.17	.16

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	BARIUM, DIS-SOLVED (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO)	COBALT, DIS-SOLVED (UG/L AS CO)
OCT										
07...	4	5	100	140	5	2	10	<10	<1	<1
DEC										
09...	1	1	100	70	<1	<1	20	10	<1	<1
APR										
07...	3	2	200	61	2	<1	30	20	5	<1
JUN										
08...	3	2	200	76	1	<1	20	10	5	<1

DATE	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)
OCT									
07...	130	44	690	21	33	<1	40	5	.4
DEC									
09...	12	6	1200	6	9	<1	80	3	.2
APR									
07...	17	3	9100	23	16	2	360	10	.1
JUN									
08...	28	11	10000	21	19	3	420	6	.1

DATE	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG)	SILVER, DIS-SOLVED (UG/L AS AG)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT									
07...	.4	23	8	<1	<1	<1	<1	280	64
DEC									
09...	<.1	6	1	<1	<1	<1	<1	50	5
APR									
07...	<.1	16	5	<1	<1	<1	<1	30	6
JUN									
08...	<.1	19	4	<1	<1	<1	<1	80	12

< Actual value is known to be less than the value shown.

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	GROSS ALPHA, DISSOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT)	GROSS BETA, DISSOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DISSOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DISSOLVED, RADON METHOD (PCI/L)	URANIUM NATURAL DISSOLVED (UG/L AS U)
DEC									
09...	<9.3	1.0	.7	5.9	.9	5.6	.9	.14	2.1
AUG									
03...	<5.8	6.2	4.2	5.7	5.9	5.5	5.7	.19	1.9

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
07...	58	28800	82
NOV			
05...	47	--	96
DEC			
09...	42	30600	98
FEB			
10...	746	1780000	79
APR			
07...	452	1140000	87
JUN			
08...	466	730000	98
AUG			
03...	387	436000	99

DATE	ACENAPHTHENE TOTAL (UG/L)	ACENAPHTHYLENE TOTAL (UG/L)	ANTHRACENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	BENZIDINE TOTAL (UG/L)	BENZO A ANTHRACENE1,2-BENZANTHRACENE TOTAL (UG/L)	BENZO-A-PYRENE TOTAL (UG/L)	BENZO B FLUORANTHENE TOTAL (UG/L)	BENZOGHI PERYLENE1,12-BENZOPERYLENE TOTAL (UG/L)	BROMOFORM TOTAL (UG/L)	N-BUTYL BENZYL PHTHALATE TOTAL (UG/L)	CARBONTETRACHLORIDE TOTAL (UG/L)
DEC												
09...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR												
17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	PARACHLOROMETA CRESOL TOTAL (UG/L)	CHLOROBENZENE TOTAL (UG/L)	CHLORODIBROMOMETHANE TOTAL (UG/L)	CHLOROETHANE TOTAL (UG/L)	CHLOROFORM TOTAL (UG/L)	CHRYSENE TOTAL (UG/L)	DI-N-BUTYL PHTHALATE TOTAL (UG/L)	DI-N-OCTYL PHTHALATE TOTAL (UG/L)	1,2,5,6-DIBENZ-ANTHRACENE TOTAL (UG/L)	DICHLOROBROMOMETHANE TOTAL (UG/L)	DICHLORODIFLUOROMETHANE TOTAL (UG/L)	DIETHYL PHTHALATE TOTAL (UG/L)
DEC												
09...	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR												
17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	DIMETHYL PHTHALATE TOTAL (UG/L)	4,6-DINITRO-ORTHOCRESOL TOTAL (UG/L)	ETHYLBENZENE TOTAL (UG/L)	FLUORANTHENE TOTAL (UG/L)	FLUORENE TOTAL (UG/L)	HEXACHLOROBENZENE TOTAL (UG/L)	HEXACHLOROCYCLOPENTADIENE TOTAL (UG/L)	HEXACHLOROETHANE TOTAL (UG/L)	INDENO (1,2,3-CD) PYRENE TOTAL (UG/L)	ISOPHORONE TOTAL (UG/L)	METHYLBROMIDE TOTAL (UG/L)	METHYLENE CHLORIDE TOTAL (UG/L)
DEC												
09...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR												
17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

< Actual value is known to be less than the value shown.

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	N-NITROSODI-N-PROPYLAMINE TOTAL (UG/L)	N-NITROSODIPHENYLAMINE TOTAL (UG/L)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	NITROBENZENE TOTAL (UG/L)	N-NITROSODIMETHYLAMINE TOTAL (UG/L)	PHENANTHRENE TOTAL (UG/L)	PHENOL (C6H5OH) TOTAL (UG/L)	PYRENE TOTAL (UG/L)	TETRACHLOROETHYLENE TOTAL (UG/L)	TOLUENE TOTAL (UG/L)	TRICHLOROETHYLENE TOTAL (UG/L)	TRICHLOROFLOUROMETHANE TOTAL (UG/L)
DEC 09...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	VINYL CHLORIDE TOTAL (UG/L)	1,1-DICHLOROETHYLENE TOTAL (UG/L)	1,1-DICHLOROETHANE TOTAL (UG/L)	1,1,1-TRICHLOROETHANE TOTAL (UG/L)	1,1,2-TRICHLOROETHANE TOTAL (UG/L)	1,1,2,2 TETRACHLOROETHANE TOTAL (UG/L)	1,2-DICHLOROBENZENE TOTAL (UG/L)	1,2-DICHLOROETHANE TOTAL (UG/L)	1,2-DICHLOROPROPANE TOTAL (UG/L)	1,2,4-TRICHLOROBENZENE TOTAL (UG/L)	1,3-DICHLOROBENZENE TOTAL (UG/L)
DEC 09...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<1.0
MAR 17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	1,3-DICHLOROPROPANE TOTAL (UG/L)	1,4-DICHLOROBENZENE TOTAL (UG/L)	CHLOROETHYLENE TOTAL (UG/L)	BIS (2-CHLOROETHOXY) METHANE TOTAL (UG/L)	BIS 2-CHLOROETHYL ETHER TOTAL (UG/L)	BIS (2-CHLOROISOPROPYL) ETHER TOTAL (UG/L)	2-CHLORONAPHTHALENE TOTAL (UG/L)	2-CHLOROPHENOL TOTAL (UG/L)	2-CHLOROETHYLVINYLETHER TOTAL (UG/L)	BIS(2-ETHYLHEXYL) PHTHALATE TOTAL (UG/L)	2-NITROPHENOL TOTAL (UG/L)
DEC 09...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	2,3,7,8 TETRACHLORODIBENZO-P-DIOXIN TOTAL (UG/L)	2,4-DICHLOROPHENOL TOTAL (UG/L)	2,4-DIMETHYLPHENOL TOTAL (UG/L)	2,4,-DINITROPHENOL TOTAL (UG/L)	2,4-DINITROTOLUENE TOTAL (UG/L)	2,4,6-TRICHLOROPHENOL TOTAL (UG/L)	2,6-DINITROTOLUENE TOTAL (UG/L)	3,3'-DICHLOROBENZIDINE TOTAL (UG/L)	4-BROMOPHENYL PHENYL ETHER TOTAL (UG/L)	4-CHLOROPHENYL PHENYL ETHER TOTAL (UG/L)	4-NITROPHENOL TOTAL (UG/L)
DEC 09...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)
OCT		
01-10	308	.42
11-20	321	.44
21-31	339	.46
NOV		
01-10	328	.45
11-20	326	.44
21-30	324	.44
DEC		
01-10	332	.45
11-20	328	.45
21-31	299	.41
JAN		
01-10	305	.41
21-31	234	.32
FEB		
01-10	217	.30
11-20	187	.25
21-28	172	.23
MAR		
01-10	180	.24
11-20	195	.27
21-31	229	.31
APR		
01-10	213	.29
11-20	227	.31
21-30	236	.32
MAY		
01-10	231	.31
11-20	269	.37
21-31	286	.39
JUN		
01-10	310	.42
11-20	277	.38
21-30	262	.36
JUL		
01-10	265	.36
11-20	283	.38
21-31	260	.35
AUG		
01-10	266	.36
11-20	261	.35
21-31	282	.38
SEP		
01-10	263	.36
11-20	234	.32
21-30	229	.31

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	503	576	509	489	399	299	352	379	490	404	453	509
2	498	565	508	489	386	318	350	376	509	410	459	529
3	542	546	528	477	327	316	348	369	506	---	458	540
4	554	550	544	472	327	315	345	367	502	---	474	530
5	547	538	541	477	---	305	345	367	491	---	463	487
6	539	533	563	466	305	302	343	367	510	---	437	459
7	519	534	579	446	314	303	343	367	500	446	---	438
8	516	532	573	435	341	303	350	368	494	435	404	420
9	528	561	575	---	346	303	344	373	501	441	411	403
10	518	511	550	---	330	299	354	380	444	433	412	412
11	516	498	535	---	319	303	354	394	463	432	423	403
12	539	502	536	---	322	301	351	405	450	445	429	403
13	530	526	550	---	319	299	360	413	---	---	430	418
14	526	546	550	---	292	297	362	416	453	457	449	460
15	559	523	536	---	291	300	359	422	436	469	472	468
16	547	519	514	---	---	300	365	426	429	472	477	417
17	534	530	484	---	272	302	364	428	455	476	---	423
18	535	533	468	---	263	316	295	427	418	479	---	427
19	537	526	476	---	266	331	367	430	411	489	---	418
20	539	523	473	---	269	344	369	418	415	479	---	408
21	532	532	492	---	274	348	377	418	411	455	---	403
22	530	554	490	---	276	353	373	419	---	432	486	408
23	534	534	490	365	284	351	375	421	---	419	492	398
24	537	515	493	366	273	378	376	438	---	402	491	403
25	565	507	502	369	269	381	365	459	---	403	505	396
26	549	510	494	369	276	386	361	484	---	404	502	404
27	563	500	504	377	279	386	363	507	408	413	504	402
28	562	495	502	384	283	377	374	507	404	420	490	401
29	581	519	501	386	---	378	382	466	403	431	501	417
30	589	508	497	386	---	373	383	462	407	436	494	425
31	599	---	497	391	---	364	---	475	---	442	479	---

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.0	19.0	15.0	9.0	6.0	8.0	14.0	16.0	25.0	26.0	30.0	30.0
2	26.0	---	15.0	9.0	6.0	8.0	15.0	16.0	26.0	26.0	30.0	30.0
3	25.0	19.0	15.0	10.0	8.0	9.0	15.0	17.0	26.0	---	30.0	30.0
4	25.0	19.0	15.0	9.0	8.0	9.0	15.0	17.0	26.0	---	30.0	30.0
5	26.0	20.0	14.0	9.0	---	10.0	15.0	18.0	28.0	---	30.0	30.0
6	26.0	19.0	15.0	9.0	---	10.0	14.0	18.0	26.0	---	30.0	30.0
7	26.0	18.0	14.0	9.0	5.0	9.0	13.0	18.0	28.0	27.0	---	30.0
8	26.0	17.0	14.0	8.0	5.0	10.0	14.0	18.0	27.0	27.0	30.0	30.0
9	26.0	---	---	---	8.0	7.0	14.0	18.0	27.0	27.0	30.0	30.0
10	25.0	17.0	13.0	---	8.0	9.0	14.0	18.0	28.0	27.0	30.0	30.0
11	25.0	17.0	13.0	---	8.0	10.0	14.0	18.0	29.0	27.0	30.0	28.0
12	25.0	17.0	13.0	---	8.0	11.0	13.0	19.0	28.0	27.0	30.0	28.0
13	26.0	17.0	12.0	---	8.0	10.0	13.0	19.0	---	---	30.0	28.0
14	26.0	18.0	12.0	---	8.0	11.0	15.0	19.0	---	27.0	30.0	28.0
15	25.0	17.0	11.0	---	8.0	11.0	15.0	20.0	26.0	27.0	31.0	27.0
16	25.0	17.0	11.0	---	---	10.0	15.0	20.0	26.0	27.0	31.0	27.0
17	26.0	16.0	11.0	---	8.0	11.0	15.0	20.0	27.0	30.0	---	27.0
18	25.0	16.0	10.0	---	7.0	10.0	15.0	20.0	26.0	29.0	---	27.0
19	25.0	17.0	10.0	---	6.0	12.0	15.0	21.0	26.0	29.0	---	27.0
20	25.0	17.0	10.0	---	7.0	12.0	15.0	21.0	26.0	29.0	---	27.0
21	23.0	15.0	10.0	---	7.0	12.0	15.0	21.0	26.0	29.0	---	27.0
22	23.0	15.0	10.5	---	6.0	12.0	15.0	21.0	---	29.0	30.0	26.0
23	23.0	15.0	10.5	7.0	7.0	12.0	15.0	21.0	---	29.0	30.0	26.0
24	21.0	16.0	10.0	5.0	8.0	14.0	16.0	24.0	---	29.0	30.0	27.0
25	21.0	15.0	9.0	7.0	8.0	15.0	15.0	22.0	---	29.0	30.0	25.0
26	21.0	15.0	10.0	5.0	8.0	15.0	15.0	23.0	---	29.0	30.0	26.0
27	20.0	15.0	9.0	5.0	7.0	15.0	15.0	23.0	26.0	30.0	30.0	26.0
28	20.0	14.0	9.0	5.0	7.0	14.0	15.0	24.0	26.0	30.0	30.0	26.0
29	19.0	15.0	9.0	7.0	---	15.0	16.0	24.0	26.0	30.0	30.0	25.0
30	19.0	15.0	9.0	9.0	---	13.0	16.0	26.0	26.0	30.0	30.0	25.0
31	19.0	---	9.0	8.0	---	14.0	---	25.0	---	30.0	30.0	---

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	55	49	42	35	21	25	20	42	30	30	36
2	30	55	46	40	34	24	22	23	40	30	32	38
3	40	50	50	36	22	22	24	21	40	---	30	37
4	46	49	51	38	24	22	24	22	45	---	30	34
5	43	48	54	34	---	20	22	23	46	---	29	34
6	40	44	56	36	24	18	24	21	44	---	28	34
7	40	40	56	34	26	18	21	22	47	34	---	32
8	39	45	56	30	35	19	22	22	46	35	24	28
9	48	54	47	---	37	20	23	22	48	38	29	26
10	44	46	45	---	30	20	25	24	46	36	26	29
11	45	44	44	---	27	21	24	24	40	36	28	27
12	49	41	46	---	28	20	24	23	36	36	29	26
13	41	46	52	---	24	20	22	23	---	---	29	26
14	40	52	50	---	22	30	24	24	35	38	28	25
15	48	52	49	---	23	20	21	26	34	34	32	25
16	42	44	44	---	---	20	21	24	34	33	35	22
17	38	50	45	---	33	20	22	27	37	35	---	24
18	40	51	37	---	22	20	22	26	30	35	---	24
19	40	50	40	---	20	20	20	24	34	34	---	23
20	38	46	40	---	20	20	22	26	32	32	---	22
21	41	44	44	---	21	20	24	26	28	32	---	22
22	40	48	40	---	20	24	23	32	---	32	32	27
23	40	46	49	30	20	25	21	28	---	30	32	24
24	39	46	45	28	20	26	22	30	---	30	30	28
25	38	43	41	29	19	30	22	38	---	30	36	28
26	38	48	42	29	22	29	20	41	---	30	36	28
27	46	46	46	27	25	29	22	46	34	30	36	26
28	49	46	44	32	30	27	22	44	29	28	33	25
29	51	54	46	35	---	28	23	38	30	30	34	26
30	54	50	46	34	---	26	23	40	30	32	40	28
31	61	---	44	33	---	24	---	41	---	32	32	---

WATER QUALITY DATA, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	SEDI- MENT, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT				
15...	1400	115	66100	93
NOV				
06...	1100	92	46700	92
DEC				
09...	1530	123	112000	97
JAN				
14...	1130	93	--	97
FEB				
02...	1255	121	66600	89
MAR				
10...	1330	496	816000	95
APR				
21...	1200	72	--	98
MAY				
09...	1215	385	436000	99
JUN				
03...	1200	611	1250000	94
JUL				
13...	1100	486	695000	99
AUG				
04...	0815	242	282000	99
SEP				
01...	0830	105	83300	98

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA (CE 01480)

LOCATION.--Lat 29°16'33", long 89°21'10", T.21 S., R.31 E., Plaquemines Parish, Hydrologic Unit 08090100, in center of river at Venice and at mile 10.7 (17.2 km).

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1973 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (FTU)	SETTLEABLE MATTER (ML/L/HR)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)
OCT 21...	1520	1180	7.6	--	5	4.0	<1.0	8.5	23	1.2
NOV 17...	1542	551	7.5	16.0	5	15	<1.0	9.1	42	--
DEC 10...	0930	1170	7.4	13.0	10	10	<1.0	9.5	31	1.2
JAN 21...	1145	376	7.6	6.5	5	85	<1.0	12.6	120	2.3
FEB 01...	1520	394	7.5	5.0	20	75	<1.0	12.8	<10	2.2
MAR 17...	1445	300	7.2	10.5	15	65	<1.0	10.3	17	2.2
APR 05...	1335	338	7.2	13.5	40	90	<1.0	8.5	18	1.6
MAY 12...	1700	385	7.2	19.5	20	65	<1.0	7.7	<10	.2
JUN 07...	1330	474	7.0	27.0	50	55	<1.0	6.0	39	.1
JUL 14...	1430	460	7.2	28.5	10	80	<1.0	6.2	60	.6
AUG 02...	1300	465	7.1	30.0	20	100	<1.0	6.2	12	.3
SEP 09...	1630	460	7.2	28.5	15	55	<1.0	6.5	<10	.6

DATE	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRATE TOTAL (MG/L AS N)
OCT 21...	K60	K10	240	52	26	135	110	220	18	.51
NOV 17...	K750	K160	190	48	16	116	72	50	68	--
DEC 10...	K600	K80	240	53	27	130	100	250	21	1.4
JAN 21...	1800	280	140	38	11	98	38	27	188	1.3
FEB 01...	K2200	620	140	38	11	114	38	30	--	1.5
MAR 17...	K11000	200	110	31	9.0	83	33	16	100	1.7
APR 05...	3200	230	130	35	11	85	36	23	152	2.1
MAY 12...	K1800	210	150	40	12	103	37	22	161	2.4
JUN 07...	460	300	160	43	13	105	45	43	108	2.0
JUL 14...	2000	K800	160	44	12	111	52	33	308	2.1
AUG 02...	1800	K900	180	47	14	109	56	29	252	2.1
SEP 09...	2000	290	150	39	13	103	41	38	114	1.4

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA (CE 01480)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)
OCT 21...	.02	.53	--	.08	2	1	<10	<1	<1	<1
NOV 17...	<.01	1.4	.37	.17	2	1	<10	<1	1	2
DEC 10...	.02	1.4	.52	.18	2	1	<10	<1	1	2
JAN 21...	.03	1.3	.53	.11	1	1	<10	1	<1	2
FEB 01...	.02	1.5	.81	.12	2	1	<10	<1	1	<1
MAR 17...	.05	1.7	.87	.20	1	1	<10	<1	<1	<1
APR 05...	.04	2.1	.67	.20	3	2	<10	<1	<1	<1
MAY 12...	.01	2.4	.70	.13	2	1	<10	<1	2	<1
JUN 07...	.02	2.0	.40	.17	2	1	<10	<1	1	<1
JUL 14...	.02	2.1	.70	.22	3	3	<10	<1	2	2
AUG 02...	.02	2.1	.50	.19	5	5	<10	<1	2	<1
SEP 09...	.02	1.4	.70	.26	3	3	<10	<1	1	<1

DATE	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)
OCT 21...	10	<1	10	5	8	4	1	<.1	<.1	4
NOV 17...	10	<1	9	7	24	5	1	<.1	<.1	4
DEC 10...	10	<1	12	6	12	20	<1	.2	<.1	<3
JAN 21...	20	<1	14	3	340	12	3	.1	<.1	10
FEB 01...	20	<1	14	7	80	10	2	<.1	<.1	11
MAR 17...	20	<1	12	7	55	10	2	.1	<.1	7
APR 05...	20	<1	9	7	34	4	1	<.1	<.1	10
MAY 12...	10	<1	14	9	15	9	3	.3	.3	9
JUN 07...	10	<1	15	9	14	7	3	.2	.2	11
JUL 14...	10	<1	25	11	<3	19	3	.2	<.1	13
AUG 02...	20	<1	15	9	19	11	1	.1	<.1	15
SEP 09...	20	<1	11	5	21	6	1	<.1	<.1	8

< Actual value is known to be less than the value shown.

07374550 MISSISSIPPI RIVER AT VENICE, LA (CE 01480)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)
OCT 21...	<1	<1	<1	--	50	5	8.4	<.01	<1	<1
NOV 17...	2	1	<1	2.0	40	29	3.8	<.01	<1	<1
DEC 10...	1	<1	<1	--	50	4	4.1	<.01	<1	<1
JAN 21...	3	<1	<1	<1.0	70	5	5.1	<.01	<1	2
FEB 01...	3	<1	<1	<1.0	30	10	4.8	<.01	<1	--
MAR 17...	3	<1	<1	<.1	20	21	3.9	<.01	<1	<1
APR 05...	4	<1	<1	<.1	70	9	5.8	<.01	<1	<1
MAY 12...	1	<1	<1	.2	40	4	5.0	<.01	1	<1
JUN 07...	2	<1	<1	2.7	60	11	5.4	<.01	<1	<1
JUL 14...	3	<1	<1	2.1	90	6	5.6	<.01	<1	<1
AUG 02...	4	<1	<1	1.8	70	13	5.4	<.01	<1	<1
SEP 09...	4	<1	<1	4.4	30	11	4.0	<.01	1	1

DATE	SOLIDS, VOLA-TILE IN BOTTOM MA-TERIAL (MG/KG)	ARSENIC TOTAL IN BOT-TOM MA-TERIAL (UG/G AS AS)	CADMIUM RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CD)	CHRO-MIUM, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	COPPER, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CU)	IRON, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS FE)	LEAD, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS PB)	MANGA-NESE, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	MERCURY RECOV. FM BOT-TOM MA-TERIAL (UG/G AS HG)	ZINC, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS ZN)	PCB, TOTAL (UG/L)
OCT 21...	9080	--	--	--	--	--	--	--	--	--	<.10
21...	23700	--	--	--	--	--	--	--	--	--	--
21...	32200	--	--	--	--	--	--	--	--	--	--
FEB 01...	3970	1	<1	2	1	1200	<10	22	<.01	7	<.10
01...	46200	1	<1	3	7	3100	<10	100	<.01	18	--
01...	24400	1	<1	3	5	3300	<10	220	<.01	16	--

DATE	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	CHLOR-DANE, TOTAL (UG/L)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT 21...	3	<.10	<1.0	<.001	<.1	<.10	<1.0	<.001	.5	<.001	.2
FEB 01...	7	<.10	<1.0	<.001	<.1	<.10	2.0	<.001	1.4	<.001	1.6

< Actual value is known to be less than the value shown.

07374550 MISSISSIPPI RIVER AT VENICE, LA (CE 01480)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
21...	<.001	<.1	.05	<.1	<.001	.3	<.001	<.1	.008	<.1
FEB										
01...	.003	<.1	.01	<1.0	<.001	<.1	<.001	<.1	<.001	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
21...	<.01	<.1	<.001	<.1	<.001	<.1	<.001	<.1	<.01	<.1
FEB										
01...	<.01	<.1	<.001	<.1	<.001	<.1	<.001	<1.0	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
FEB										
01...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATERIL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
21...	<.01	<.10	<.1	<1.0	<.01	<.1	<.01	<.01	<.01	<.01
FEB										
01...	<.01	<.10	<.1	<1.0	<.01	<.1	.01	<.01	.01	<.01

DATE	ACENAPHTHENE TOTAL (UG/L)	ACENAPHTHYLENE TOTAL (UG/L)	ANTHRACENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	BENZIDINE TOTAL (UG/L)	BENZO A ANTHRACENE1,2-BENZANTHRACENE TOTAL (UG/L)	BENZO-A-PYRENE TOTAL (UG/L)	BENZO B FLUORANTHENE TOTAL (UG/L)	BENZOGHI PERYLENE1,12-BENZOPERYLENE TOTAL (UG/L)	BENZO K FLUORANTHENE TOTAL (UG/L)	BROMOFORM TOTAL (UG/L)	N-BUTYL BENZYL PHTHALATE TOTAL (UG/L)
DEC												
10...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR												
17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

< Actual value is known to be less than the value shown.

07374550 MISSISSIPPI RIVER AT VENICE, LA (CE 01480)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	CARBON-TETRA-CHLORIDE TOTAL (UG/L)	PARA-CHLORO-META CRESOL TOTAL (UG/L)	CHLORO-BENZENE TOTAL (UG/L)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L)	CHLORO-ETHANE TOTAL (UG/L)	CHLORO-OFORM TOTAL (UG/L)	CHRY-SENE TOTAL (UG/L)	DI-N-BUTYL PHTHAL-ATE TOTAL (UG/L)	DI-N-OCTYL PHTHAL-ATE TOTAL (UG/L)	1,2,5,6 -DIBENZ -ANTHRA -CENE TOTAL (UG/L)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L)
DEC 10...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	DIETHYL PHTHAL-ATE TOTAL (UG/L)	DI-METHYL PHTHAL-ATE TOTAL (UG/L)	4,6-DINITRO -ORTHO-CRESOL TOTAL (UG/L)	ETHYL-BENZENE TOTAL (UG/L)	FLUOR-ANTHENE TOTAL (UG/L)	FLUOR-ENE TOTAL (UG/L)	HEXA-CHLORO-BENZENE TOTAL (UG/L)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L)	HEXA-CHLORO-CYCLO-PENT-ADIENE TOTAL (UG/L)	HEXA-CHLORO-ETHANE TOTAL (UG/L)	INDENO (1,2,3-CD) PYRENE TOTAL (UG/L)	ISO-PHORONE TOTAL (UG/L)
DEC 10...	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	METHYL-BROMIDE TOTAL (UG/L)	METHYL-ENE CHLO-RIDE TOTAL (UG/L)	N-NITRO-SODI-N-PROPYL-AMINE TOTAL (UG/L)	N-NITRO -SODI-PHENY-LAMINE TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	NITRO-BENZENE TOTAL (UG/L)	N-NITRO -SODI-METHY-LAMINE TOTAL (UG/L)	PHENAN-THRENE TOTAL (UG/L)	PHENOL (C6H-5OH) TOTAL (UG/L)	PYRENE TOTAL (UG/L)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L)	TOLUENE TOTAL (UG/L)
DEC 10...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L)	TRI-CHLORO-FLOURO-METHANE TOTAL (UG/L)	VINYL CHLO-RIDE TOTAL (UG/L)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L)	1,1,2,2 TETRA-CHLORO-ETHANE TOTAL (UG/L)	1,2-DI-CHLORO-BENZENE TOTAL (UG/L)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L)	1,2,4-TRI-CHLORO-BENZENE TOTAL (UG/L)
DEC 10...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR 17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

< Actual value is known to be less than the value shown.

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA (CE 01480)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	1,3-DICHLOROBENZENE TOTAL (UG/L)	1,3-DICHLOROPROPANE TOTAL (UG/L)	1,4-DICHLOROBENZENE TOTAL (UG/L)	CHLOROETHYLENE TOTAL (UG/L)	BIS (2-CHLOROETHOXY) METHANE TOTAL (UG/L)	BIS 2-CHLOROETHYL ETHER TOTAL (UG/L)	BIS (2-CHLOROISOPROPYL) ETHER TOTAL (UG/L)	2-CHLORONAPHTHALENE TOTAL (UG/L)	2-CHLOROPHENOL TOTAL (UG/L)	2-CHLOROETHYLVINYLETHER TOTAL (UG/L)	BIS(2-ETHYLHEXYL) PHTHALATE TOTAL (UG/L)	2-NITROPHENOL TOTAL (UG/L)
DEC												
10...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR												
17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	2,3,7,8 TETRACHLORODIBENZO-P-DIOXIN TOTAL (UG/L)	2,4-DICHLOROPHENOL TOTAL (UG/L)	2,4-DIMETHYLPHENOL TOTAL (UG/L)	2,4,-DINITROPHENOL TOTAL (UG/L)	2,4-DINITROTOLUENE TOTAL (UG/L)	2,4,6-TRICHLOROPHENOL TOTAL (UG/L)	2,6-DINITROTOLUENE TOTAL (UG/L)	3,3'-DICHLOROBENZIDINE TOTAL (UG/L)	4-BROMOPHENYL PHENYL ETHER TOTAL (UG/L)	4-CHLOROPHENYL PHENYL ETHER TOTAL (UG/L)	4-NITROPHENOL TOTAL (UG/L)
DEC											
10...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MAR											
17...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	SAMPLING DEPTH (FEET)	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)
NOV					
17...	65.0	542	7.5	16.0	8.9
18...	1.00	540	7.3	15.5	8.8
18...	66.0	546	7.3	15.5	9.0
18...	1.00	560	7.6	16.0	9.0

< Actual value is known to be less than the value shown.

301002089441300 RIGOLETS NEAR LAKE PONTCHARTRAIN, NEAR SLIDELL, LA (CE 85700)

LOCATION.--Lat 30°10'02", long 89°44'13", T.10 S., R.15 E., Orleans Parish, Hydrologic Unit 08090203, at U.S. Highway 90, and 6.4 mi (10.3 km) southeast of Slidell.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to current year.
CHLORIDE: October 1974 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 36.0°C Aug. 7, 8, 1981; minimum daily, 3.5°C Jan. 19, 1977.
CHLORIDE: Maximum daily, 14,000 mg/L Sept. 1, 1977; minimum daily, 60 mg/L May 4, 6-8, 1979.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	20.0	18.0	12.0	11.0	---	16.0	22.0	28.0	29.0	---	31.0
2	25.0	20.0	18.0	10.0	11.0	---	16.0	23.0	29.0	---	---	30.0
3	25.0	20.0	14.0	9.0	11.0	15.0	16.0	23.0	29.0	---	---	30.0
4	25.0	20.0	14.0	10.0	11.0	16.0	16.0	23.0	29.0	---	28.0	29.0
5	25.0	20.0	13.0	---	10.0	16.0	16.0	23.0	---	---	28.0	29.0
6	26.0	20.0	---	12.0	10.0	13.5	16.0	23.0	---	30.0	29.0	28.0
7	27.0	---	13.0	---	9.5	12.0	18.0	24.0	---	29.0	---	28.0
8	26.0	---	14.0	11.0	10.0	11.0	18.0	---	29.0	29.0	---	27.0
9	25.0	20.0	14.0	10.0	11.0	12.0	---	---	30.0	29.0	28.0	26.0
10	26.0	20.0	14.0	9.5	9.5	13.5	---	22.0	31.0	30.0	28.0	27.0
11	26.0	19.5	13.0	8.0	9.5	---	18.0	23.0	29.5	29.0	29.0	---
12	25.0	19.0	---	6.0	10.0	---	18.0	23.0	29.0	30.0	28.0	---
13	25.0	18.5	---	---	---	---	18.0	24.5	28.5	28.0	29.0	28.0
14	23.0	18.5	---	4.5	---	18.0	18.0	24.5	28.5	30.0	---	28.0
15	24.0	18.5	11.0	6.0	11.0	19.0	18.0	25.0	29.0	30.0	---	28.0
16	24.0	18.0	12.0	---	12.0	20.0	18.0	25.0	---	30.0	---	28.0
17	23.0	18.0	10.0	---	12.0	21.0	18.0	26.0	---	---	---	29.0
18	21.0	18.0	9.0	6.0	12.0	21.0	18.0	25.0	29.0	---	29.0	28.0
19	21.0	18.0	9.0	9.0	13.5	22.0	18.0	27.0	---	---	29.0	27.0
20	20.0	16.5	9.0	9.5	13.5	22.0	---	26.0	---	---	28.0	26.0
21	21.0	16.0	9.0	10.0	14.0	22.0	23.0	27.0	29.5	---	30.0	26.0
22	20.0	16.5	9.0	10.5	14.0	22.0	19.5	---	29.0	---	29.5	26.0
23	---	16.0	---	10.0	14.5	21.0	---	---	29.0	---	30.0	25.0
24	---	16.0	---	10.0	14.5	20.0	---	---	28.5	---	30.0	24.0
25	18.0	16.0	---	10.0	15.0	20.0	---	27.0	28.5	---	31.0	---
26	14.0	---	---	10.5	15.0	20.0	---	28.0	29.0	---	31.0	---
27	---	---	---	9.5	---	---	20.0	27.0	28.5	---	30.0	---
28	18.5	18.0	13.0	10.5	---	---	21.0	28.0	28.0	---	30.0	---
29	18.0	---	13.0	11.0	---	16.0	21.0	29.0	29.0	---	---	---
30	19.5	18.0	11.0	11.0	---	16.0	22.0	29.0	28.5	---	---	---
31	19.5	---	12.0	---	---	16.0	---	28.0	---	---	30.0	---

301002089441300 RIGOLETS NEAR LAKE PONTCHARTRAIN, NEAR SLIDELL, LA (CE 85700)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5700	6100	---	4300	4000	---	1400	2800	3000	2900	---	5500
2	5000	5500	8400	4200	3800	---	1900	1600	2900	---	---	6100
3	6500	5300	4800	3900	2200	1400	1300	1800	3100	---	---	5400
4	6000	5500	5800	4000	2000	2300	2600	1700	3000	---	4000	7400
5	5400	6600	6500	---	3500	1800	1400	3000	---	---	3300	3600
6	5400	8600	---	3800	2100	1400	2700	1600	---	3000	3700	4500
7	5100	---	5400	---	2600	2000	1900	1800	---	4500	---	6200
8	6600	---	4700	3700	2200	2200	1400	---	3000	5000	---	7800
9	6400	5800	5500	4000	2000	1300	---	---	3000	4800	4000	7200
10	6700	8600	5700	4500	2900	1600	---	1700	5200	5000	3800	3900
11	6900	6200	6500	4300	3600	---	1400	1800	3000	5100	3600	---
12	6600	5300	---	3400	2800	---	2600	1200	3900	4500	3300	---
13	7100	6600	---	---	---	---	2800	1900	3000	4900	3200	4400
14	11000	8000	---	4000	---	2200	2800	2200	3200	4800	---	4400
15	4300	6700	6000	4100	2000	2100	2700	2700	4000	5000	---	3700
16	6700	7800	6100	---	2900	1600	2100	2800	---	4800	---	4100
17	4300	6500	---	---	3000	1600	1400	2400	---	---	---	3700
18	5900	6300	---	4100	2900	2000	2000	2100	3200	---	3600	3700
19	4100	7900	---	4300	---	2600	2500	2400	---	---	3800	4300
20	6100	5200	---	3900	2600	2100	---	2700	---	---	4300	4400
21	10000	6900	---	3400	3000	1400	1400	2900	3200	---	2800	4100
22	10000	8100	---	3900	3100	1500	2100	---	2500	---	3100	4400
23	---	6900	---	5000	1600	1800	---	---	2300	---	2900	4000
24	---	8200	---	3600	---	2100	---	---	2300	---	2800	4100
25	10000	6600	---	3800	3000	2700	---	2400	3000	---	3000	4300
26	10000	---	---	3500	1600	2000	---	3000	2800	---	2700	---
27	---	---	---	3900	---	---	2400	5800	2400	---	5400	---
28	8900	---	6200	5200	---	---	2500	5700	2200	---	3000	4400
29	8000	---	---	4000	---	2500	2800	3000	2200	---	---	4300
30	8000	---	---	3700	---	2800	2400	2900	2200	---	---	4200
31	5600	---	7500	---	---	2200	---	3100	---	---	5500	---

301108089503600 LAKE PONTCHARTRAIN AT NORTH SHORE, NEAR SLIDELL, LA (CE 85683)
(Formerly published as 301300089493000 Lake Pontchartrain at North Shore, near Slidell, LA (CE 85685))

LOCATION.--Lat 30°11'08", long 89°50'36", T.10 S., R.14 E., Orleans Parish, Hydrologic Unit 08090202, at bridge on U.S. Highway 11, 5.5 mi (8.8 km) southwest of Slidell.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975, 1981 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to current year.
CHLORIDE: October 1974 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.0°C July 9, 15, 16, 17, 1980; minimum daily, 3.0°C Jan. 3, 1979.
CHLORIDE: Maximum daily, 8,500 mg/L Oct. 14, 1981; minimum daily, 150 mg/L May 20, 23, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 31.0°C June 1-7; minimum daily, 5.0°C Dec. 20, 23.
CHLORIDE: Maximum daily, 8,500 mg/L Oct. 14; minimum daily, 1,100 mg/L May 14.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (FTU)	SETTLEABLE MATTER (ML/L/HR)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT												
23...	1015	14500	7.5	20.5	5	5.0	<1.0	8.7	370	1.4	--	--
JAN												
22...	0945	10800	7.4	11.0	5	3.0	<1.0	12.2	170	2.8	140	K10
APR												
14...	1030	9110	7.3	21.5	15	4.0	<1.0	11.3	46	4.1	280	<1
JUL												
22...	0810	12600	7.4	30.0	15	6.0	<1.0	6.7	250	.9	9600	K60

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)
OCT											
23...	1600	100	330	2700	110	47	650	5100	34	<.01	.02
JAN											
22...	1300	110	250	1900	62	39	490	3400	6	<.01	.04
APR											
14...	880	72	170	1600	54	41	420	2900	11	<.01	<.10
JUL											
22...	1300	94	270	2400	86	47	550	4200	12	<.01	<.10

DATE	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)
OCT												
23...	.49	.07	1	1	<10	<10	1	1	20	<1	9	3
JAN												
22...	.53	.03	1	0	<10	<10	<1	<1	10	<1	6	3
APR												
14...	.56	.03	1	1	<10	<10	1	2	20	<1	10	8
JUL												
22...	.50	.04	1	1	<10	10	1	1	20	<1	11	11

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

301108089503600 LAKE PONTCHARTRAIN AT NORTH SHORE, NEAR SLIDELL, LA (CE 85683)--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 23...	70	9	1	<.1	<.1	3	<1	<1	<1	80	30	5.4
JAN 22...	80	4	3	.2	.1	3	3	<1	<1	40	10	5.1
APR 14...	110	8	3	.3	.3	10	2	<1	<1	20	20	4.3
JUL 22...	40	7	4	<.1	<.1	5	4	<1	<1	50	30	5.0

DATE	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)
OCT 23...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01
JAN 22...	<.01	2	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.01
APR 14...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	.004	.02
JUL 22...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.13

DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
OCT 23...	<.001	<.001	<.001	<.01	<.001	<.001	.107	<.01	<.01	<.01	<.01
JAN 22...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR 14...	.003	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL 22...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)
OCT 23...	<.01	<.01	<.01	<.1	<.01	.02	<.01	<.01	<.01	1.27	<.100
JAN 22...	<.01	<.01	<.01	<.1	<.01	.02	<.01	<.01	<.01	2.15	<.100
APR 14...	<.01	<.01	<.10	<1	<.01	<.01	<.01	<.01	<.01	1.99	<.100
JUL 22...	<.01	<.01	<.10	<1	<.01	.01	<.01	<.01	<.01	7.70	<.100

< Actual value is known to be less than the value shown.

301108089503600 LAKE PONTCHARTRAIN AT NORTH SHORE, NEAR SLIDELL, LA (CE 85683)--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.0	16.0	15.0	12.0	9.0	8.0	17.0	21.0	31.0	---	---	28.0
2	24.0	13.0	12.0	12.0	10.0	10.0	19.0	21.0	31.0	---	---	27.0
3	24.0	18.0	13.0	11.0	9.0	14.0	17.0	22.0	31.0	---	---	28.0
4	24.0	17.0	13.0	11.0	9.0	15.0	16.0	21.0	31.0	---	28.0	27.0
5	24.0	17.0	12.0	9.0	8.0	14.0	16.0	20.0	31.0	---	28.0	28.0
6	24.0	18.0	12.0	11.0	9.0	14.0	16.0	22.0	31.0	27.0	28.0	27.0
7	22.0	18.0	11.0	14.0	9.0	14.0	13.0	21.0	31.0	26.0	29.0	27.0
8	22.0	17.0	13.0	11.0	9.0	15.0	17.0	20.0	27.0	27.0	28.0	28.0
9	22.0	17.0	13.0	---	9.0	15.0	15.0	20.0	30.0	28.0	28.0	28.0
10	22.0	16.0	13.0	---	10.0	16.0	16.0	22.0	29.0	27.0	28.0	28.0
11	21.0	16.0	12.0	---	10.0	16.0	13.0	22.0	28.0	27.0	29.0	24.0
12	21.0	16.0	12.0	---	8.0	16.0	15.0	22.0	29.0	26.0	28.0	27.0
13	20.0	16.0	13.0	---	8.0	17.0	17.0	23.0	29.0	25.0	28.0	27.0
14	20.0	15.0	14.0	---	8.0	17.0	18.0	22.0	26.0	---	28.0	27.0
15	22.0	14.0	13.0	---	10.0	19.0	19.0	22.0	26.0	---	29.0	27.0
16	21.0	15.0	13.0	---	12.0	19.0	25.0	23.0	26.0	---	27.0	27.0
17	21.0	15.0	12.0	---	11.0	19.0	23.0	23.0	25.0	---	28.0	27.0
18	20.0	16.0	7.0	---	12.0	20.0	20.0	23.0	25.0	---	27.0	27.0
19	20.0	17.0	6.0	10.0	13.0	21.0	24.0	25.0	25.0	---	26.0	27.0
20	18.0	17.0	5.0	10.0	13.0	21.0	24.0	25.0	26.0	26.0	25.0	27.0
21	15.0	15.0	7.0	11.0	12.0	20.0	23.0	25.0	25.0	27.0	25.0	27.0
22	15.0	14.0	9.0	11.0	13.0	20.0	21.0	25.0	25.0	27.0	27.0	27.0
23	15.0	13.0	5.0	11.0	13.0	19.0	23.0	25.0	26.0	26.0	27.0	27.0
24	14.0	15.0	8.0	11.0	12.0	18.0	23.0	25.0	26.0	26.0	27.0	27.0
25	14.0	15.0	9.0	---	12.0	18.0	20.0	25.0	26.0	25.0	27.0	27.0
26	13.0	16.0	9.0	10.0	13.0	14.0	20.0	30.0	24.0	25.0	27.0	27.0
27	13.0	16.0	11.0	10.0	10.0	13.0	18.0	30.0	25.0	26.0	27.0	27.0
28	12.0	16.0	---	9.0	8.0	11.0	19.0	29.0	---	29.0	28.0	27.0
29	12.0	17.0	10.0	9.0	---	11.0	19.0	30.0	---	---	28.0	27.0
30	13.0	17.0	9.0	9.0	---	15.0	19.0	30.0	---	---	28.0	27.0
31	14.0	---	10.0	9.0	---	---	---	30.0	---	---	28.0	---

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4500	5300	5300	4700	3500	3200	2000	2100	2700	---	---	4000
2	4500	4700	5200	4800	---	2600	1900	2100	2700	---	---	4000
3	4500	5500	5000	---	3300	3300	2400	1300	2600	---	3200	4100
4	4900	5600	4800	---	3400	2800	2400	1200	2700	---	2800	4300
5	4500	5500	4900	---	3100	2800	2100	1300	2700	---	2800	4900
6	4400	5300	4500	4500	3400	2000	2300	1300	2800	2200	2900	4900
7	4500	6900	5100	3300	3400	2900	2400	1300	2800	2500	2700	5100
8	5000	6900	4900	3400	3200	2800	1900	1700	2700	2600	2700	6300
9	5100	6900	---	---	3400	2900	2200	2100	3200	2700	3000	6000
10	6900	6800	---	---	3400	2800	2400	2000	3200	2900	3000	6400
11	7000	5300	---	---	3300	2900	2400	2000	3100	2800	3000	3300
12	7000	5300	---	---	2800	2600	2300	1800	3200	4200	2100	3400
13	7000	5300	---	---	2700	2700	2400	1900	3200	4200	2200	3500
14	8500	5300	---	---	3400	2800	2600	1100	2900	---	2100	3600
15	6300	5300	---	---	3300	2500	2500	1500	2900	---	2300	3900
16	4500	5400	---	---	3000	2600	2400	1600	3000	---	2200	4000
17	4800	4800	---	---	3200	1600	2700	1400	3000	---	2400	3900
18	4100	5200	---	---	3000	1500	2400	1800	6000	---	4600	3600
19	4000	5000	---	3700	3100	1700	2300	2300	6000	---	5600	3600
20	4000	4900	---	3400	3000	1600	2300	2300	3000	4000	5700	3700
21	4000	5300	---	3400	3200	1600	2500	2300	3100	4300	2700	3500
22	6000	4900	---	3800	2300	1600	2500	2200	3000	3500	2300	3700
23	6000	5400	---	3700	2600	1600	2600	2300	2500	3300	2200	3600
24	5700	5200	---	3900	2800	1500	2500	2600	2600	3300	1900	3700
25	6000	5800	---	---	3500	1700	1800	2700	2500	---	2300	3800
26	5300	6500	---	3800	3500	2100	1800	2700	2400	3300	2400	3700
27	5500	5800	---	3800	1900	2000	1800	2600	2600	3500	2500	3700
28	5100	5800	---	3800	2500	1900	1900	2700	---	3100	2600	3900
29	6400	5400	5400	3800	---	1900	2000	2700	---	---	2400	3900
30	5200	7100	4900	3700	---	2000	2300	2500	---	---	3000	3900
31	6900	---	4900	3800	---	---	---	2700	---	---	4100	---

07375000 TCHEFUNCTA RIVER NEAR FOLSOM, LA

LOCATION.--Lat 30°36'57", long 90°14'55", on line between SE1/4NE1/4 and SW1/4NE1/4 sec. 13, T.5 S., R. 9 E., St. Helena meridian, Tangipahoa Parish, Hydrologic Unit 08090201, near center of span on downstream side of bridge on State Highway 40, 1.2 mi (1.9 km) upstream from Bull Branch, and 3.6 mi (5.8 km) southwest of Folsom.

DRAINAGE AREA.--95.5 mi^2 (247.3 km^2), not including Bull Branch which has a drainage area of 7.5 mi^2 (19.4 km^2) at State Highway 40. Total drainage area for extreme floods is 103 mi^2 (267 km^2).

PERIOD OF RECORD.--October 1943 to current year. Prior to January 1944 monthly discharge only, published in WSP 1311. Prior to October 1954, published as Chefuncte River near Folsom.

REVISED RECORDS.--WSP 1057: 1944(M), 1945. WSP 1281: 1953(M).

GAGE.--Water-stage recorder. Datum of gage is 62.11 ft (18.931 m) National Geodetic Vertical Datum of 1929. Prior to June 9, 1944, nonrecording gage at same site and datum.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--39 years, 159 ft^3/s (4.503 m^3/s), 22.61 in/yr (574 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 29,200 ft^3/s (827 m^3/s) May 3, 1953, gage height, 22.26 ft (6.785 m), from rating curve extended above 13,000 ft^3/s (370 m^3/s) by contracted-opening measurement at gage height 22.10 ft (6.736 m); minimum discharge, 26 ft^3/s (0.74 m^3/s) Sept. 4, 15, 1968; minimum gage height, 4.80 ft (1.463 m) Oct. 5, 6, 1970.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,300 ft^3/s (37 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Feb. 3	1730	*1520	43.0	*15.00	4.572

Minimum discharge, 30 ft^3/s (0.85 m^3/s) Oct. 25: minimum gage height, 4.91 ft (1.500 m) Oct. 19, 20, 21, 24, 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	39	57	105	72	105	540	92	43	78	144	43
2	44	39	63	105	315	90	814	253	43	68	563	43
3	40	39	62	80	1430	82	297	339	42	56	497	42
4	39	38	48	106	1150	78	243	358	42	50	302	41
5	38	40	44	209	543	75	175	147	42	47	153	41
6	38	40	42	115	245	77	118	101	42	53	94	40
7	38	39	42	84	169	114	95	84	41	44	75	40
8	38	38	43	90	136	181	80	76	39	55	68	39
9	36	39	43	114	146	124	73	73	39	53	64	39
10	37	39	41	85	194	96	68	66	39	59	62	39
11	53	38	40	70	150	86	64	61	38	89	94	43
12	47	38	42	65	134	80	61	57	38	69	82	50
13	38	38	44	118	224	76	59	55	38	54	90	56
14	36	38	55	264	208	72	57	56	39	70	220	51
15	35	38	96	311	155	69	56	55	41	56	108	54
16	35	38	99	185	466	65	56	55	39	48	75	59
17	35	38	64	129	944	63	66	53	39	48	112	48
18	35	38	55	103	740	62	100	52	41	62	87	45
19	32	39	52	88	333	60	99	50	39	55	68	44
20	32	40	50	81	194	59	73	49	38	48	67	45
21	31	40	48	75	150	57	105	48	41	49	57	46
22	32	38	48	70	127	62	361	49	62	48	53	42
23	31	39	48	66	110	62	575	47	87	46	51	41
24	31	41	52	65	98	62	408	46	60	44	49	40
25	30	40	75	65	89	64	250	46	48	52	47	40
26	43	41	128	61	84	61	334	43	45	72	47	40
27	43	42	86	58	92	57	251	45	75	55	46	41
28	42	43	68	66	125	55	135	45	75	51	44	41
29	40	43	63	83	---	55	102	44	84	45	44	39
30	39	46	63	77	---	55	88	44	86	59	44	39
31	38	---	67	70	---	102	---	43	---	87	43	---
TOTAL	1167	1186	1828	3263	8823	2406	5803	2632	1465	1770	3550	1311
MEAN	37.6	39.5	59.0	105	315	77.6	193	84.9	48.8	57.1	115	43.7
MAX	53	46	128	311	1430	181	814	358	87	89	563	59
MIN	30	38	40	58	72	55	56	43	38	44	43	39
CFSM	.39	.41	.62	1.10	3.30	.81	2.02	.89	.51	.60	1.20	.46
IN.	.45	.46	.71	1.27	3.44	.94	2.26	1.03	.57	.69	1.38	.51

CAL YR 1981 TOTAL 31256 MEAN 85.6 MAX 2690 MIN 30 CFSM .90 IN 12.17
WTR YR 1982 TOTAL 35204 MEAN 96.4 MAX 1430 MIN 30 CFSM 1.01 IN 13.71

07375000 TCHEFUNCTA RIVER NEAR FOLSOM, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.99	5.10	5.42	6.18	5.68	6.20	10.11	5.99	---	5.75	6.57	5.09
2	5.04	5.10	5.52	6.20	3.19	5.96	12.04	7.97	5.17	5.59	10.53	5.08
3	4.96	5.08	5.50	5.80	14.38	5.84	8.35	8.76	5.16	5.37	10.05	5.07
4	4.94	5.07	5.26	6.19	13.47	5.77	7.87	8.90	5.15	5.27	8.44	5.05
5	4.94	5.10	5.19	7.52	10.36	5.73	7.12	6.78	5.14	5.20	6.79	5.04
6	4.94	5.11	5.14	6.33	7.88	5.75	6.39	6.14	5.15	5.31	5.95	5.03
7	4.96	5.09	5.15	5.88	7.07	6.32	6.04	5.87	5.13	5.13	5.66	5.02
8	4.95	5.08	5.17	5.96	6.64	7.21	5.82	5.75	5.09	5.33	5.53	5.01
9	4.93	5.09	5.16	6.33	6.76	6.46	5.69	5.70	5.09	5.30	5.47	5.01
10	4.97	5.09	5.12	5.90	7.36	6.07	5.61	5.58	5.08	5.40	5.43	5.01
11	5.28	5.04	5.11	5.65	6.82	5.90	5.55	5.50	5.07	5.90	5.94	5.09
12	5.18	5.07	5.15	5.57	6.61	5.81	5.50	5.43	5.07	5.57	5.77	5.22
13	5.01	5.07	5.20	6.37	7.64	5.74	5.46	5.39	5.08	5.31	5.87	5.34
14	4.97	5.07	5.39	8.07	7.51	5.69	5.43	5.40	5.09	5.57	7.62	5.23
15	4.96	5.08	6.06	8.53	6.88	5.62	5.42	5.39	5.14	5.33	6.16	5.30
16	4.96	5.08	6.09	7.24	9.76	5.57	5.46	5.39	5.09	5.20	5.65	5.38
17	4.96	5.07	5.54	6.54	12.73	5.53	5.58	5.36	5.10	5.20	6.22	5.18
18	4.96	5.06	5.39	6.16	11.56	5.51	6.11	5.34	5.13	5.45	5.84	5.12
19	4.92	5.09	5.34	5.95	8.54	5.49	6.11	5.30	5.10	5.32	5.53	5.10
20	4.91	5.10	5.29	5.83	7.35	5.46	5.70	5.29	5.07	5.19	5.52	5.11
21	4.91	5.10	5.27	5.74	6.83	5.43	6.16	5.27	5.14	5.20	5.35	5.14
22	4.92	5.08	5.27	5.55	6.51	5.51	8.93	5.26	5.51	5.20	5.28	5.05
23	4.93	5.10	5.27	5.59	6.28	5.51	10.64	5.24	5.93	5.17	5.24	5.03
24	4.92	5.12	5.34	5.57	6.09	5.51	9.33	5.22	5.47	5.13	5.20	5.01
25	4.92	5.11	5.72	5.56	5.96	5.55	7.95	5.22	5.26	5.20	5.17	5.01
26	5.16	5.13	6.52	5.50	5.88	5.50	8.73	5.17	5.19	5.61	5.16	5.01
27	5.18	5.16	5.90	5.44	6.00	5.43	7.93	---	5.72	5.32	5.14	5.00
28	5.14	5.16	5.62	5.57	6.48	5.40	6.62	---	5.71	5.24	5.11	5.00
29	5.12	5.16	5.54	5.85	---	5.40	6.15	---	5.86	5.14	5.10	4.97
30	5.09	5.23	5.53	5.76	---	5.39	5.93	---	5.89	5.38	5.11	4.97
31	5.08	---	5.60	5.64	---	6.11	---	---	---	5.85	5.09	---
MAX	5.28	5.23	6.52	8.53	14.38	7.21	12.04	8.90	5.93	5.90	10.53	5.38
MIN	4.91	5.06	5.11	5.44	5.68	5.39	5.40	---	5,07	5.13	5.09	4.97

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°29'40", long 90°10'10", in SW1/4 sec. 26, T.6 S., R.10 E., St. Helena Meridian, St. Tammany Parish, Hydrologic Unit 08090201, at bridge on U.S. Highway 190, and 4.0 mi (6.4 km) west of Covington.

DRAINAGE AREA.--145 mi^2 (376 km^2).

PERIOD OF RECORD.--Water years 1959, 1966-68, 1974, 1978 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1978 to September 1982 (discontinued).
WATER TEMPERATURES: April 1978 to September 1982 (discontinued).

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 66 micromhos Feb. 24, 1979; minimum daily, 20 micromhos, Apr. 14, May 17, 18, 22, 1980.
WATER TEMPERATURES: Maximum daily, 34.0°C July 25, 1980; minimum daily, 4.0°C Jan. 11, 12, 1982.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT										
09...	1045	45	28	6.4	21.5	5	2.0	8.6	.6	200
DEC										
08...	1045	44	46	7.4	13.5	20	2.1	10.4	1.2	K140
FEB										
12...	1315	234	45	5.9	11.0	50	17	10.1	1.4	480
APR										
09...	1230	119	44	6.3	17.5	30	5.5	8.2	.3	K180
JUN										
02...	1245	54	39	6.7	26.0	30	2.2	8.0	1.3	100
AUG										
12...	1020	143	47	6.1	24.5	50	16	7.3	.8	K300

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT										
09...	570	6	1.5	.6	3.6	.9	8	.7	3.8	<.1
DEC										
08...	230	10	2.3	.9	5.1	2.3	15	3.0	5.1	<.1
FEB										
12...	2800	9	1.7	1.1	3.2	1.9	6	3.3	5.3	<.1
APR										
09...	510	9	1.9	1.1	4.1	1.8	9	3.0	4.9	<.1
JUN										
02...	K90	7	1.5	.8	4.2	.9	10	<1.0	4.1	<.1
AUG										
12...	3400	7	1.6	.8	4.5	1.3	10	2.0	4.1	<.1

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT									
09...	14	30	30	.08	.08	.27	.04	.04	.03
DEC									
08...	12	46	40	.33	.02	.34	--	.02	.02
FEB									
12...	8.7	50	29	.30	.06	.61	.05	.02	.03
APR									
09...	12	40	36	1.1	.13	.32	.09	.06	.05
JUN									
02...	10	32	--	<.10	.02	<.10	.07	.04	.03
AUG									
12...	13	42	33	.21	.06	.60	.10	.05	.07

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	BARIUM, DIS-SOLVED (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO)	COBALT, DIS-SOLVED (UG/L AS CO)
OCT										
09...	3	2	100	20	<1	1	10	<10	<1	<1
DEC										
08...	1	[illegible]	100	23	<1	<1	20	10	<1	<1
APR										
09...	1	1	100	32	<1	<1	20	10	1	<1
JUN										
02...	1	1	<100	23	<1	<1	10	<10	<1	<1

DATE	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)
OCT									
09...	4	1	410	230	3	<1	30	26	<.1
DEC									
08...	7	5	400	200	1	<1	20	14	<.1
APR									
09...	3	3	680	400	2	5	90	71	<.1
JUN									
02...	4	2	500	210	2	1	50	36	<.1

DATE	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG)	SILVER, DIS-SOLVED (UG/L AS AG)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT									
09...	<.1	2	1	<1	<1	<1	<1	30	6
DEC									
08...	<.1	1	<1	<1	<1	<1	<1	40	12
APR									
09...	<.1	3	3	<1	<1	<1	<1	90	10
JUN									
02...	<.1	5	4	<1	<1	<1	<1	30	7

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
09...	10	1.2	94
DEC			
04...	28	3.7	72
FEB			
12...	54	34	92
APR			
09...	51	16	60
JUN			
02...	18	2.6	94
AUG			
12...	32	12	97

< Actual value is known to be less than the value shown.

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	---	---	54	42	39	42	44	32	40	---	36
2	31	---	---	45	---	39	41	44	33	40	---	36
3	29	---	---	48	---	40	40	43	33	45	---	36
4	---	39	---	62	---	42	42	37	32	---	---	---
5	---	---	---	56	---	39	43	39	31	---	---	---
6	---	36	---	48	---	---	44	41	33	37	---	36
7	---	36	---	54	45	42	---	41	32	---	---	---
8	---	38	43	40	46	---	49	41	36	37	---	---
9	30	36	45	51	44	47	39	42	32	36	---	35
10	---	39	---	47	45	46	40	38	33	---	---	35
11	33	---	37	60	---	46	44	---	32	---	44	---
12	35	---	36	59	38	38	40	---	32	---	---	---
13	41	---	22	---	40	37	38	36	32	---	47	33
14	42	---	62	---	39	38	---	36	34	---	---	33
15	41	---	---	60	---	37	38	---	---	36	47	33
16	42	---	---	63	42	38	38	---	33	37	45	33
17	40	---	46	59	33	39	33	32	34	40	---	---
18	49	---	47	55	---	---	33	---	34	---	49	38
19	42	---	---	55	44	37	---	---	36	37	---	38
20	42	---	57	53	45	---	---	---	---	37	45	37
21	36	---	52	51	47	39	40	---	---	43	---	---
22	38	---	44	50	47	---	---	---	31	43	51	38
23	38	---	44	48	45	44	---	35	32	---	52	---
24	39	---	45	48	45	43	---	35	32	---	51	34
25	---	---	43	45	---	38	---	39	---	---	52	34
26	---	---	30	43	41	38	---	---	47	---	45	36
27	---	---	37	44	---	36	40	35	49	---	41	---
28	---	---	45	42	37	36	40	34	---	---	40	34
29	36	---	54	42	---	35	---	35	37	---	40	38
30	36	---	56	45	---	35	---	34	37	---	40	33
31	---	---	44	41	---	34	---	34	---	---	39	---

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.0	---	---	14.0	13.0	14.0	23.0	22.0	27.0	28.0	---	27.0
2	23.0	---	---	17.0	---	15.0	24.0	21.0	27.0	28.0	---	27.0
3	22.0	---	---	19.0	---	16.0	20.0	22.0	27.0	27.0	---	25.0
4	---	18.0	---	12.0	---	17.0	18.0	23.0	27.0	---	---	---
5	---	---	---	15.0	---	16.0	18.0	23.0	26.0	---	---	---
6	---	19.0	---	17.0	---	---	17.0	23.0	27.0	27.0	---	25.0
7	---	19.0	---	17.0	11.0	17.0	---	23.0	27.0	---	---	---
8	---	19.0	14.0	11.0	13.0	---	20.0	23.0	28.0	26.0	---	---
9	21.0	18.0	14.0	11.0	11.0	15.0	17.0	23.0	27.0	26.0	---	24.0
10	---	17.0	---	9.0	10.0	14.0	18.0	24.0	27.0	---	---	---
11	21.5	---	12.0	4.0	---	18.0	20.0	---	27.0	---	26.0	---
12	24.0	---	10.0	4.0	12.0	21.0	---	---	25.0	---	---	---
13	23.0	---	11.0	---	8.0	24.0	21.0	24.0	24.0	---	26.0	26.0
14	24.0	---	5.0	---	10.0	22.0	---	24.0	27.0	---	---	26.0
15	24.0	---	---	8.0	---	22.0	22.0	---	---	25.0	26.0	25.0
16	23.0	---	---	6.0	15.0	22.0	21.0	---	26.0	25.0	26.0	26.0
17	23.0	---	10.0	5.0	17.0	24.0	20.0	24.0	26.0	26.0	---	---
18	21.0	---	11.0	15.0	---	---	19.0	---	26.0	---	26.0	28.0
19	22.0	---	---	14.0	17.0	24.0	---	---	26.0	26.0	---	28.0
20	22.0	---	7.0	15.0	17.0	---	---	---	---	26.0	26.0	26.0
21	21.0	---	15.0	17.0	18.0	25.0	22.0	---	---	28.0	---	---
22	18.0	---	15.0	17.0	18.0	19.0	---	---	24.0	27.0	26.0	22.0
23	18.0	---	12.0	15.0	18.0	18.0	---	24.0	25.0	---	26.0	---
24	19.0	---	11.0	12.0	18.0	20.0	---	24.0	25.0	---	26.0	22.0
25	---	---	11.0	14.0	---	18.0	---	24.0	---	---	26.0	23.0
26	---	---	12.0	12.0	11.0	15.0	---	---	25.0	---	26.0	22.0
27	---	---	13.0	12.0	---	12.0	22.0	27.0	25.0	---	26.0	---
28	---	---	17.0	19.0	14.0	13.0	21.0	27.0	---	---	27.0	22.0
29	17.0	---	14.0	20.0	---	15.0	---	27.0	26.0	---	27.0	22.0
30	17.0	---	15.0	18.0	---	17.0	---	27.0	25.0	---	26.0	25.0
31	---	---	16.0	13.0	---	22.0	---	27.0	---	---	27.0	---

07375500 TANGIPAHOA RIVER AT ROBERT, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°30'23", long 90°21'42", on line between lots 39 and 40, T. 6 S., R. 8 E., St. Helena meridian, Tangipahoa Parish, Hydrologic Unit 08070205, near left bank on downstream side of bridge on U.S. Highway 190, 1.2 mi (1.9 km) west of Robert, 2.8 mi (4.5 km) downstream from Chappepeela Creek, and 6.0 mi (9.7 km) east of Hammond.

WATER-DISCHARGE RECORDS

DRAINAGE AREA.--646 mi^2 (1,673 km^2).

PERIOD OF RECORD.--October 1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is 6.87 ft (2.094 m) National Geodetic Vertical Datum of 1929. Prior to Nov. 25, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--44 years, 1,129 ft^3/s (31.97 m^3/s), 23.74 in/yr (603 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 50,500 ft^3/s (1,430 m^3/s) May 3, 1953, gage height, 23.13 ft (7.050 m); minimum discharge, 245 ft^3/s (6.94 m^3/s) Oct. 30 to Nov. 3, 1968; minimum gage height, 2.95 ft (0.899 m) Oct. 25, 1939.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1921 reached a stage of 27.1 ft (8.26 m), from floodmark.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 7,190 ft^3/s (204 m^3/s) Feb. 18, gage height, 15.41 ft (4.697 m), no peak above base of 8,000 ft^3/s (226 m^3/s); minimum discharge, 394 ft^3/s (11.2 m^3/s) Nov. 13, 14; minimum gage height, 5.26 ft (1.603 m), Oct. 9, Nov. 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	432	417	467	852	588	1110	3730	763	489	722	488	471
2	464	404	495	993	1070	999	5650	865	482	667	4000	466
3	436	405	503	839	4510	910	4200	1530	479	556	6000	463
4	430	406	527	1590	5520	848	2600	1290	480	516	4500	461
5	428	404	531	1390	2920	805	1590	924	481	501	2600	456
6	425	403	520	890	1840	819	1100	763	473	539	1600	452
7	424	400	477	751	1260	1470	970	687	465	564	1700	447
8	421	398	471	1350	1080	2290	850	1160	461	555	2000	444
9	421	398	464	2340	991	1530	760	2790	458	553	1600	442
10	460	397	457	1250	1250	1190	760	1710	456	592	1200	442
11	510	395	469	867	1110	1030	720	975	453	642	1100	453
12	453	396	478	766	1090	932	700	792	451	555	1050	489
13	436	394	485	1240	1430	952	670	695	455	615	1000	680
14	427	395	556	2040	1500	812	640	653	462	667	950	655
15	424	398	725	1790	1280	772	620	621	498	551	930	531
16	421	393	724	1250	3270	737	660	602	470	535	1300	520
17	420	399	549	1040	6070	707	700	581	472	518	1100	483
18	416	402	534	864	7110	676	880	504	468	551	980	466
19	414	406	521	774	6010	660	780	553	460	553	900	461
20	413	407	507	717	3160	642	940	543	453	528	1100	459
21	412	406	494	676	1550	623	1100	535	492	552	1200	458
22	411	410	495	649	1310	623	2700	528	894	578	1000	448
23	410	413	498	626	1140	606	5900	524	594	521	800	442
24	409	421	552	627	1020	608	3560	523	561	521	600	439
25	414	422	775	617	947	628	1930	518	537	562	540	438
26	435	424	891	597	898	634	1510	516	544	535	502	437
27	438	427	667	585	895	592	1360	512	572	529	495	435
28	433	427	608	578	1100	580	1070	512	558	553	487	433
29	417	423	551	574	---	564	909	503	581	555	481	430
30	414	436	526	583	---	566	801	498	628	735	476	429
31	410	---	537	587	---	963	---	493	---	745	473	---
TOTAL	13246	12233	17328	30322	62337	26493	50490	24773	15331	17869	43622	14130
MEAN	427	408	559	978	2226	855	1683	799	511	576	1407	471
MAX	510	436	891	2340	7110	2290	5900	2790	894	745	6000	680
MIN	409	394	467	578	588	564	620	493	451	501	473	429
CFSM	.66	.63	.87	1.51	3.45	1.34	2.61	1.24	.79	.89	2.18	.73
IN.	.76	.70	1.00	1.75	3.59	1.55	2.91	1.43	.88	1.03	2.51	.81

CAL YR 1981 TOTAL 265020 MEAN 726 MAX 10200 MIN 394 CFSM 1.12 IN 15.26
WTR YR 1982 TOTAL 328572 MEAN 900 MAX 7110 MIN 394 CFSM 1.39 IN 18.92

07375500 TANGIPAHOA RIVER AT ROBERT, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.33	5.32	5.51	5.92	5.91	7.47	12.75	6.75	5.67	6.53	7.20	5.57
2	5.43	5.32	5.67	7.09	8.77	7.14	14.52	7.04	5.63	6.35	10.61	5.54
3	5.36	5.32	5.71	6.91	13.59	6.47	---	6.88	5.61	5.92	---	5.52
4	5.31	5.32	5.83	7.23	14.43	6.69	---	6.23	5.62	5.71	---	5.51
5	5.30	5.31	5.82	6.21	11.63	6.57	---	7.21	5.62	5.61	---	5.47
6	5.29	5.31	5.76	7.04	9.09	6.61	---	6.75	5.58	5.79	---	5.45
7	5.29	5.30	5.50	6.70	7.93	8.46	---	6.32	5.53	5.91	---	5.42
8	5.28	5.29	5.46	8.35	7.35	10.57	---	7.79	5.50	5.87	---	5.40
9	5.28	5.30	5.42	10.74	7.14	9.92	---	11.62	5.49	5.84	---	5.39
10	5.40	5.29	5.40	8.11	7.91	7.72	---	9.27	5.47	6.01	---	5.39
11	5.82	5.29	5.39	7.02	7.49	7.22	---	7.36	5.46	6.18	---	5.45
12	5.49	5.29	5.44	6.72	7.43	6.33	---	6.83	5.45	5.92	---	5.67
13	5.36	5.27	5.44	6.16	8.41	6.72	---	6.55	5.47	6.02	---	6.50
14	5.34	5.29	5.83	10.08	8.00	6.58	---	6.41	5.51	6.22	---	6.34
15	5.32	5.28	6.71	9.45	8.01	6.47	---	6.30	5.72	5.74	---	5.91
16	5.31	5.29	6.73	8.17	12.09	6.35	---	6.23	5.56	5.73	---	5.84
17	5.31	5.28	5.96	7.46	14.78	6.23	---	6.14	5.57	5.65	---	5.64
18	5.31	5.28	5.74	6.93	15.37	6.20	---	6.07	5.55	5.83	---	5.56
19	5.29	5.29	5.66	6.66	14.74	6.14	---	6.01	5.50	5.80	---	5.51
20	5.29	5.29	5.59	6.47	11.75	6.09	---	5.97	5.45	5.74	---	5.49
21	5.29	5.27	5.55	6.33	9.00	6.14	---	5.93	5.56	5.87	---	5.49
22	5.30	5.29	5.54	6.22	8.07	6.35	---	5.89	7.12	6.00	---	5.42
23	5.28	5.29	5.55	6.13	7.55	5.99	---	5.87	6.17	5.73	---	5.39
24	5.28	5.33	5.46	6.11	7.21	6.01	12.59	5.85	6.02	5.75	---	5.37
25	5.32	5.31	6.53	6.07	6.99	6.08	9.43	5.83	5.89	5.97	---	5.36
26	5.45	5.31	6.99	5.98	6.56	6.12	8.61	5.82	5.94	5.84	5.75	5.35
27	5.64	5.32	6.33	5.91	6.44	5.97	8.42	5.90	6.04	6.02	5.71	5.34
28	5.65	5.31	6.14	5.87	7.44	5.93	7.64	5.80	5.97	5.96	5.66	5.33
29	5.47	5.31	5.92	5.88	---	5.89	7.17	5.75	6.06	5.96	5.62	5.31
30	5.36	5.36	5.70	5.89	---	5.87	6.86	5.72	6.22	6.63	5.60	5.30
31	5.32	---	5.85	5.91	---	7.07	---	5.70	---	6.67	5.57	---
MAX	5.82	5.36	6.99	10.74	15.37	10.57	---	11.62	7.12	6.67	---	6.50
MIN	5.28	5.27	5.39	5.87	5.91	5.87	---	5.70	5.45	5.61	5.57	5.30

07375500 TANGIPAHOA RIVER AT ROBERT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1954-56, 1966-76, 1979 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: November 1979 to September 1982 (discontinued).
WATER TEMPERATURES: November 1979 to September 1982 (discontinued).

INSTRUMENTATION.--Water-quality monitor November 1979 to September 1982 (discontinued).

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 87 micromhos Dec. 6, 1981; minimum, 27 micromhos Apr. 2, 3, 1982.
WATER TEMPERATURES: Maximum, 33.0°C July 22, 24, 1981; minimum, 4.0°C Jan. 15, 1982.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 87 micromhos Dec. 6; minimum, 27 micromhos Apr. 2, 3.
WATER TEMPERATURES: Maximum, 31.5°C June 9, July 4-6, 28, 29, Aug. 31, Sept. 1; minimum, 4.0°C Jan. 15.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 09...	1145	420	49	6.4	22.0	5	3.1	8.5	.5	K110
DEC 08...	1130	468	73	6.3	15.5	5	1.6	10.3	2.1	K40
FEB 12...	1415	1070	61	6.3	12.5	30	14	10.2	1.5	940
APR 09...	1345	782	51	6.2	20.0	30	14	8.8	.7	140
JUN 02...	1345	480	49	6.3	28.5	15	2.7	7.9	1.2	K75
AUG 12...	1150	1040	54	6.1	27.0	50	7.2	7.1	.9	230

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT 09...	1400	10	2.4	.9	5.8	1.3	12	.8	6.1	<.1
DEC 08...	K100	12	3.0	1.2	8.9	1.5	10	1.4	14	<.1
FEB 12...	840	12	2.5	1.3	4.5	2.3	11	3.3	6.8	<.1
APR 09...	1200	11	2.5	1.1	5.0	1.6	12	3.0	5.1	<.1
JUN 02...	K100	10	2.3	1.1	5.0	1.4	12	<1.0	5.9	<.1
AUG 12...	--	10	2.2	1.1	4.2	2.2	10	3.0	5.3	<.1

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT 09...	15	40	39	.05	.05	.23	.04	.03	.05
DEC 08...	13	54	49	.15	.04	.22	--	.07	.02
FEB 12...	11	52	39	.53	.12	.79	.11	.06	.06
APR 09...	13	41	38	.29	.09	.52	.08	.04	.03
JUN 02...	12	38	--	3.1	.03	.30	.06	.05	.01
AUG 12...	12	46	36	.33	.06	.60	.13	.06	.07

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07375500 TANGIPAHOA RIVER AT ROBERT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	BARIUM, DIS-SOLVED (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO)	COBALT, DIS-SOLVED (UG/L AS CO)
OCT										
09...	2	2	100	20	<1	1	10	10	<1	<1
DEC										
08...	1	<1	100	34	<1	<1	10	<10	<1	<1
APR										
09...	1	1	100	30	<1	<1	20	10	1	<1
JUN										
02...	1	1	<100	25	<1	<1	10	<10	<1	<1

DATE	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)
OCT									
09...	5	2	810	260	3	<1	100	40	<.1
DEC									
08...	8	6	630	250	1	<1	60	39	<.1
APR									
09...	3	3	750	200	2	2	160	120	<.1
JUN									
02...	4	4	570	260	2	1	110	68	<.1

DATE	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG)	SILVER, DIS-SOLVED (UG/L AS AG)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT									
09...	<.1	3	1	<1	<1	<1	<1	40	10
DEC									
08...	<.1	2	1	<1	<1	<1	<1	50	31
APR									
09...	.2	2	3	<1	<1	<1	<1	120	8
JUN									
02...	<.1	8	3	<1	<1	<1	<1	30	5

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
09...	24	27	76
DEC			
08...	18	23	84
FEB			
12...	81	234	64
APR			
09...	71	150	70
JUN			
02...	26	34	88
AUG			
12...	74	208	64

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER DELTA

07375500 TANGIPAHOA RIVER AT ROBERT, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	59	48	47	46	51	48	58	51	---	---	55	46
2	50	47	50	44	51	49	58	51	---	---	49	47
3	51	48	47	45	58	51	58	46	---	---	50	48
4	49	47	47	45	63	51	46	43	---	---	49	48
5	49	47	48	47	80	65	59	46	---	---	47	46
6	49	47	49	48	87	79	78	55	---	---	47	45
7	50	48	50	49	79	72	80	70	---	---	49	43
8	49	48	51	49	72	65	83	54	---	---	44	41
9	49	48	51	49	65	59	56	46	---	---	43	42
10	49	46	51	49	66	57	60	53	---	---	47	44
11	66	45	51	49	59	57	---	---	---	---	48	46
12	63	50	50	48	58	56	61	56	---	---	50	47
13	54	50	51	49	57	55	72	58	59	50	49	47
14	53	50	51	49	59	54	68	62	54	50	49	47
15	52	50	51	49	64	54	67	63	54	50	49	48
16	51	48	50	48	61	56	69	59	53	40	50	48
17	49	48	49	47	59	57	67	62	46	30	49	47
18	49	48	48	47	59	52	65	58	55	45	49	48
19	51	48	48	46	56	52	62	54	---	---	50	48
20	53	50	48	46	56	52	57	54	---	---	51	49
21	52	49	48	46	53	51	54	53	---	---	52	49
22	51	49	49	46	54	50	53	52	---	---	50	47
23	50	48	48	47	53	49	53	52	---	---	50	48
24	50	49	48	47	54	47	53	51	---	---	49	47
25	49	47	49	47	58	50	57	52	---	---	48	47
26	48	46	49	47	61	57	52	51	---	---	50	45
27	55	47	49	47	63	57	52	51	48	47	47	45
28	52	48	50	48	62	55	52	51	51	46	47	46
29	50	47	50	49	60	55	51	50	---	---	49	47
30	49	46	51	48	56	52	51	49	---	---	47	46
31	49	47	---	---	58	51	50	49	---	---	59	46

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	46	37	54	47	48	46	48	39	53	36	---	---
2	42	27	52	46	48	46	50	45	51	35	---	---
3	33	27	52	44	46	44	47	42	42	38	---	---
4	30	29	52	46	46	45	48	43	47	42	---	---
5	31	30	49	44	44	43	47	43	55	47	---	---
6	36	31	47	43	45	43	47	43	59	55	---	---
7	41	36	47	43	46	44	43	41	60	56	---	---
8	47	42	45	34	49	44	45	41	56	51	---	---
9	51	47	35	31	48	46	---	---	54	52	---	---
10	49	48	42	33	48	46	---	---	53	49	---	---
11	48	46	45	41	48	42	---	---	52	48	---	---
12	48	46	46	42	48	47	---	---	53	48	---	---
13	53	44	47	43	49	44	---	---	52	50	---	---
14	53	36	45	41	50	45	---	---	52	45	54	49
15	47	35	45	41	58	48	---	---	58	50	62	53
16	45	39	46	42	54	48	---	---	---	---	65	57
17	53	44	45	41	48	46	47	45	56	50	60	54
18	54	44	47	43	49	47	47	43	57	52	60	54
19	50	44	45	41	48	47	45	41	56	51	---	---
20	51	45	44	41	53	47	46	43	59	52	---	---
21	52	38	45	42	53	47	47	37	53	50	---	---
22	46	44	46	41	61	49	45	37	65	50	---	---
23	50	45	46	42	52	49	45	39	71	60	---	---
24	58	49	46	42	53	47	48	40	71	61	---	---
25	52	47	48	44	52	47	50	41	60	46	---	---
26	51	44	46	43	55	49	---	---	51	45	---	---
27	52	45	47	43	50	45	---	---	49	45	---	---
28	52	46	47	44	49	44	---	---	48	44	47	45
29	52	48	49	44	49	44	---	---	48	44	51	45
30	53	47	51	46	54	44	---	---	50	47	60	45
31	---	---	50	46	---	---	50	43	57	48	---	---

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.5	24.0	20.5	19.0	20.5	18.0	14.5	13.5	14.5	12.0	13.5	12.0
2	26.5	24.0	21.0	19.0	18.0	15.0	14.5	13.5	13.0	11.0	15.5	12.5
3	25.0	22.0	21.5	19.5	15.5	13.5	17.5	15.0	12.5	12.0	16.5	13.5
4	24.5	21.0	22.0	20.0	15.5	13.5	17.5	15.5	12.0	11.0	18.0	15.0
5	25.5	22.0	22.5	20.5	13.5	12.0	15.5	13.5	11.5	10.5	17.0	16.5
6	26.5	23.0	21.5	19.0	13.0	12.0	15.5	13.0	11.0	10.0	16.5	13.5
7	26.0	24.5	19.0	17.0	15.0	11.5	17.5	15.0	10.0	9.0	13.0	11.5
8	24.0	22.5	18.0	15.5	16.5	14.0	15.0	13.0	12.5	9.5	11.5	10.5
9	23.5	21.5	18.0	17.0	15.5	14.0	13.0	11.0	14.0	12.5	13.0	11.0
10	25.5	22.0	18.0	16.5	13.5	12.0	11.0	8.5	12.5	11.0	15.5	13.0
11	26.0	23.5	17.5	15.5	12.0	11.0	8.0	5.5	13.0	11.5	17.0	15.0
12	24.5	23.5	16.5	14.0	12.0	11.0	6.5	5.5	12.5	11.5	19.0	16.5
13	24.0	22.5	16.5	14.5	12.0	11.0	6.5	5.0	11.5	10.5	21.5	18.5
14	23.0	21.0	17.0	14.5	12.5	12.0	---	---	11.5	10.5	22.0	20.0
15	24.0	21.5	16.5	14.0	12.5	11.0	6.0	4.0	13.5	11.5	23.0	21.0
16	24.5	22.0	18.0	15.5	12.0	10.5	9.0	6.5	15.5	13.5	23.5	22.0
17	25.0	22.0	18.0	15.5	12.5	11.5	8.0	7.0	16.0	15.0	25.0	22.5
18	23.5	20.5	18.5	16.5	11.5	8.5	11.0	7.0	16.0	15.5	25.5	23.0
19	20.0	18.0	20.0	17.5	8.5	7.0	14.5	11.0	16.0	15.5	25.5	23.0
20	19.0	16.0	18.5	15.0	8.5	6.5	16.5	14.5	16.0	15.0	26.0	23.0
21	20.0	16.5	14.5	12.5	11.0	8.0	18.5	16.0	16.5	15.0	25.5	23.5
22	21.5	18.0	14.0	11.5	14.0	11.0	19.0	17.5	17.0	15.0	23.5	20.0
23	21.0	17.5	16.0	12.5	15.0	13.5	18.5	16.5	17.5	15.0	19.5	18.0
24	17.5	15.5	17.0	15.0	13.5	11.0	16.0	14.0	18.0	15.5	20.5	19.0
25	17.5	16.0	16.5	14.0	11.5	10.5	15.0	12.5	18.0	16.5	22.5	19.5
26	19.0	17.5	18.5	15.5	12.0	10.5	14.0	12.5	17.0	14.5	21.0	18.0
27	17.5	16.0	20.5	18.0	13.5	12.0	13.0	10.5	14.0	12.5	18.0	14.0
28	18.0	14.5	20.5	18.5	14.5	13.0	15.0	12.5	12.5	12.0	14.0	13.0
29	19.0	15.5	19.0	18.0	14.5	13.0	17.0	14.5	---	---	17.0	12.5
30	19.5	16.5	21.0	18.5	12.5	11.5	18.0	15.5	---	---	18.5	16.5
31	19.5	18.0	---	---	14.5	12.0	17.5	14.5	---	---	20.0	18.5

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	19.5	18.5	23.0	21.5	30.5	27.5	29.0	26.0	26.5	25.0	31.5	27.5
2	20.0	19.0	23.5	21.0	29.5	26.5	30.0	26.5	25.0	24.0	31.0	27.5
3	21.0	20.0	22.5	21.0	29.0	27.5	31.0	27.5	25.0	24.0	31.0	28.0
4	20.0	18.5	23.5	21.5	30.0	26.5	31.5	28.0	27.0	24.5	29.0	27.0
5	21.0	18.5	25.0	22.0	30.5	27.5	31.5	28.0	28.5	26.0	28.5	25.0
6	21.0	18.5	24.0	22.5	31.0	27.0	31.5	27.5	28.0	26.0	29.5	26.0
7	19.0	17.0	24.5	22.0	31.0	27.0	31.0	27.5	27.5	24.5	29.0	26.5
8	20.5	18.0	23.5	21.5	31.0	27.0	30.0	26.5	26.0	25.0	27.5	25.5
9	20.5	18.5	22.0	20.0	31.5	27.5	---	---	27.5	24.5	26.0	25.0
10	19.0	17.5	22.5	21.0	31.0	28.0	---	---	28.5	25.5	27.5	24.5
11	19.5	16.0	24.0	21.0	31.0	28.0	---	---	27.5	25.5	26.0	24.5
12	20.5	17.0	24.0	21.5	31.0	28.0	---	---	27.5	26.0	27.0	24.0
13	21.5	18.5	24.5	22.0	28.5	27.0	---	---	28.0	25.5	26.5	25.5
14	22.5	21.0	24.0	22.5	29.5	25.5	---	---	27.0	26.0	27.5	24.5
15	23.0	21.5	25.5	22.0	28.5	25.0	---	---	28.5	26.0	29.5	26.0
16	23.5	21.5	26.5	23.5	27.5	26.0	---	---	26.5	25.5	30.0	27.0
17	24.0	23.0	26.5	23.5	29.0	24.5	28.5	27.5	26.5	25.0	29.0	27.0
18	23.0	21.0	25.5	23.5	30.0	26.0	29.5	26.5	27.5	25.5	30.0	26.5
19	24.0	22.0	25.5	22.5	29.5	26.0	30.5	27.0	27.5	25.5	29.5	26.5
20	24.5	22.5	27.0	23.5	29.5	26.0	30.0	28.0	28.0	25.0	28.0	25.5
21	23.0	20.0	28.0	24.5	29.5	26.5	29.5	27.0	29.0	25.5	26.0	23.0
22	20.0	18.0	28.0	25.0	27.0	24.0	31.0	27.5	29.5	26.5	24.5	21.5
23	18.5	16.5	27.0	24.5	29.0	25.5	29.5	27.5	30.0	27.0	23.5	20.0
24	18.5	18.0	27.5	24.5	29.0	26.0	28.5	26.0	30.0	27.5	24.0	20.0
25	20.5	18.5	26.5	25.0	28.0	26.5	29.0	25.5	30.5	27.5	24.5	21.5
26	22.0	20.0	27.5	24.5	27.0	26.0	29.5	26.0	31.0	27.5	24.0	21.0
27	22.5	20.5	29.5	25.5	27.0	24.5	31.0	27.0	31.0	27.5	24.0	20.5
28	23.0	20.5	29.5	26.5	26.5	25.0	31.5	28.5	31.0	27.0	24.5	21.0
29	23.5	21.0	30.0	27.0	27.0	24.5	31.5	28.0	30.5	28.0	25.0	21.5
30	23.5	21.5	30.5	27.0	28.5	25.0	30.0	27.5	29.5	27.5	25.5	22.5
31	---	---	30.0	27.5	---	---	28.0	26.5	31.5	26.5	---	---

07375800 TICKFAW RIVER AT LIVERPOOL, LA

LOCATION.--Lat 30°55'50", long 90°40'24", on line between lots 46 and 47, T. 1 S., R. 5 E., St. Helena meridian, St. Helena Parish, Hydrologic Unit 08070203, near left bank on downstream side of bridge on State Highway 38, 0.2 mi (0.3 km) east of intersection of State Highways 38 and 441, 0.5 mi (0.8 km) upstream from Cotton Patch Branch, and 1.0 mi (1.6 km) north of Liverpool.

DRAINAGE AREA.--89.7 mi^2 (232.3 km^2).

PERIOD OF RECORD.--March 1956 to September 1968, October 1979 to September 1981 (published as "near Liverpool"). October 1968 to September 1979 (annual maximums only), October 1981 to current year (gage heights only).

GAGE.--Water-stage recorder. Altitude of gage is 206 ft (63 m), from topographic map. Mar. 9, 1956, to Sept. 30, 1968, at site 0.2 mi (0.3 km) west at same datum. Oct. 1, 1968, to Aug. 9, 1979, nonrecording gage and crest-stage indicator at site 0.2 mi (0.3 km) west at same datum.

REMARKS.--Records of dissolved oxygen and water temperatures for the water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--14 years (1957-68, 1980-81), 116 ft^3/s (3.285 m^3/s), 17.56 in/yr (446 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18,000 ft^3/s (510 m^3/s) Mar. 29, 1980, maximum gage height, 12.18 ft (3.712 m) Apr. 22, 1977; minimum discharge, 29 ft^3/s (0.82 m^3/s) Sept. 26-30, 1968; minimum gage height, 1.76 ft (0.536 m) Oct. 9, 11, 12, 13, 14, 15, 16, 1968.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.49 ft (2.892 m) Feb. 17; minimum, 2.23 ft (0.680 m) Sept. 25, 26, 27, 28, 29, 30.

DISCHARGE MEASUREMENT MADE DURING YEAR

Date	Discharge (ft^3/s)
Oct. 14, 1981	36.8

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.77	2.89	3.18	3.42	2.80	2.96	8.20	2.55	2.42	2.48	2.47	2.28
2	2.79	2.90	3.19	3.16	3.22	2.82	6.33	4.77	2.40	2.34	2.84	2.27
3	2.75	2.93	2.95	2.95	6.02	2.73	3.67	3.44	2.38	2.30	2.72	2.27
4	2.77	2.96	2.94	3.04	5.26	2.66	3.41	2.49	2.39	2.29	2.75	2.27
5	2.74	2.97	2.93	2.97	3.47	2.64	2.98	2.66	2.39	2.29	2.47	2.26
6	2.85	2.99	2.95	2.87	3.10	3.92	2.78	2.55	2.38	2.30	2.39	2.25
7	2.79	3.01	2.95	4.38	2.93	5.87	2.65	4.02	2.33	2.29	2.87	2.25
8	2.80	3.03	2.92	7.34	2.82	4.55	2.58	7.23	2.31	2.29	2.65	2.25
9	2.78	3.04	2.88	5.16	2.89	3.27	2.53	5.41	2.31	2.30	2.84	2.25
10	2.92	3.03	2.84	3.36	2.85	2.97	2.51	3.16	2.30	2.29	2.70	2.25
11	2.93	3.00	2.85	3.06	2.74	2.83	2.48	2.83	2.30	2.29	2.50	2.29
12	2.85	2.97	2.94	3.04	2.88	2.74	2.45	2.56	2.30	2.30	2.73	2.31
13	2.95	2.95	3.00	3.90	3.12	2.58	2.43	2.57	2.31	2.34	2.69	2.29
14	2.86	2.94	3.88	3.42	3.10	2.63	2.42	2.60	2.34	2.32	2.44	2.29
15	2.87	2.94	3.46	3.44	3.40	2.58	2.41	2.65	2.40	2.30	2.37	2.28
16	2.87	2.94	2.96	3.19	8.26	2.56	2.41	2.62	2.39	2.29	2.34	2.29
17	2.87	2.92	2.89	3.01	9.18	2.53	2.55	2.52	2.36	2.31	2.44	2.30
18	2.87	2.91	2.84	2.89	7.32	2.50	2.61	2.47	2.34	2.30	2.77	2.36
19	2.85	2.93	2.80	2.82	3.99	2.48	2.50	2.44	2.31	2.28	2.95	2.29
20	2.85	2.93	2.78	2.77	3.32	2.46	3.06	2.42	2.31	2.30	2.52	2.27
21	2.88	2.93	2.78	2.72	3.07	2.45	6.38	2.40	2.32	2.42	2.37	2.26
22	2.89	2.94	2.81	2.69	2.94	2.43	6.84	2.40	2.48	2.36	2.33	2.25
23	2.90	2.94	2.91	2.70	2.83	2.42	5.05	2.45	2.43	2.29	2.32	2.24
24	2.94	2.99	3.00	2.66	2.75	2.53	3.44	2.41	2.34	2.28	2.30	2.24
25	2.93	2.97	3.14	2.64	2.69	2.59	3.20	2.41	2.31	2.30	2.30	2.24
26	2.96	2.99	3.06	2.61	2.66	2.49	3.58	2.46	2.30	2.29	2.29	2.25
27	2.93	3.02	2.92	2.59	2.78	2.44	3.04	2.72	2.31	2.63	2.28	2.24
28	2.91	3.03	2.86	2.59	3.07	2.44	2.73	2.64	2.33	2.34	2.28	2.23
29	2.91	3.03	2.83	2.60	---	2.42	2.60	2.55	2.32	2.33	2.28	2.23
30	2.92	3.06	2.81	2.61	---	2.42	2.54	2.50	2.31	2.62	2.28	2.23
31	2.93	---	3.38	2.73	---	5.41	---	2.45	---	2.36	2.32	---
MAX	2.96	3.06	3.88	7.34	9.18	5.87	8.20	7.23	2.48	2.63	2.95	2.36
MIN	2.75	2.89	2.78	2.59	2.66	2.42	2.41	2.40	2.30	2.28	2.28	2.23

07376000 TICKFAW RIVER AT HOLDEN, LA

LOCATION.--Lat 30°30'13", long 90°40'38", in SE1/4NE1/4 sec. 26, T. 6 S., R. 5 E., St. Helena meridian, Livingston Parish, Hydrologic Unit 08070203, near left bank on downstream side of bridge on U.S. Highway 190, 0.5 mi (0.8 km) west of Holden, and 5.1 mi (8.2 km) upstream from Big Branch.

DRAINAGE AREA.--247 mi^2 (640 km^2).

PERIOD OF RECORD.--October 1940 to current year.

REVISED RECORDS.--WSP 1711: Drainage year.

GAGE.--Water-stage recorder. Datum of gage is 19.15 ft (5.837 m) National Geodetic Vertical Datum of 1929. Prior to Sept. 13, 1944, nonrecording gage, Sept. 14, 1944, to June 14, 1948, water-stage recorder, June 15, 1949, to Dec. 9, 1949, nonrecording gage at same site and datum.

REMARKS.--Records good. Records of dissolved oxygen and water temperature for the 1982 water year are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--42 years, 366 ft^3/s (10.36 m^3/s) 20.12 in/yr (511 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,000 ft^3/s (538 m^3/s) May 23, 1974, gage height, 20.37 ft (6.209 m); minimum discharge, 65 ft^3/s (1.84 m^3/s) Oct. 1, 2, 3, 4, 1969; minimum gage height, 0.93 ft (0.283 m) Sept. 26, 27, Oct. 21, 22, 23, 24, 28, 29, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 2,000 ft^3/s (57 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Feb. 20	0445	*2960	83.8	*11.05	3.368
Apr. 24	1945	2020	57.2	8.76	2.670

Minimum discharge, 87 ft^3/s (2.46 m^3/s) Sept. 29, 30; minimum gage height, 0.97 ft (0.296 m) Nov. 21, 22.

CORRECTIONS.--Corrected figures of discharge, in cubic feet per second, for water year 1981, superseding figures published in WDR-LA-81-2, are given below:

Date	Discharge	Date	Discharge	Date	Discharge	Date	Discharge
Aug. 25	100	Sept. 4	364	Sept. 13	111	Sept. 22	133
26	100	5	369	14	115	23	127
27	100	6	225	15	273	24	124
28	99	7	159	16	333	25	121
29	112	8	135	17	407	26	119
30	155	9	124	18	434	27	116
31	151	10	117	19	254	28	115
Sept. 1	197	11	113	20	170	29	114
2	145	12	111	21	144	30	113
3	192						

Month	Total	Mean	Max	Min	Per square mile	Inches
Aug.	3475	112	155	99	.45	.52
Sept.	5574	186	434	111	.75	.84
Water year	75383	207	1660	99	.84	11.35

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	112	107	111	265	160	250	401	240	126	191	343	110
2	113	106	118	499	304	261	769	259	123	137	876	107
3	110	106	118	394	983	240	879	251	121	119	1660	105
4	108	106	116	523	1610	223	1070	435	119	116	1380	103
5	107	106	111	370	1730	217	586	333	120	108	546	101
6	106	105	108	267	958	239	365	518	120	113	325	100
7	106	103	107	225	447	502	291	675	117	111	378	99
8	107	103	108	200	337	1010	248	334	115	107	432	98
9	107	105	108	488	294	876	223	251	114	109	331	96
10	107	104	108	759	288	578	206	218	112	129	250	96
11	144	104	107	741	354	389	194	203	111	144	220	97
12	151	104	109	366	310	326	187	203	110	137	200	103
13	122	104	110	383	361	287	179	193	109	126	174	137
14	114	104	134	818	521	259	174	180	109	160	167	126
15	111	104	168	839	444	239	171	168	117	141	166	107
16	109	104	303	575	927	224	169	160	120	121	272	98
17	109	104	250	422	1550	212	179	154	119	117	280	100
18	108	104	171	345	2140	201	216	149	118	114	207	101
19	107	104	148	288	2730	193	280	146	114	123	162	97
20	106	104	140	251	2850	186	225	143	111	130	205	99
21	105	102	133	229	1540	179	283	155	125	117	226	96
22	105	102	129	210	496	176	810	152	122	108	169	91
23	105	103	128	196	380	172	1480	154	112	107	144	89
24	105	104	145	186	322	171	1930	141	117	119	131	88
25	106	106	278	184	283	169	1520	151	116	121	123	88
26	113	107	381	178	257	171	550	140	118	119	118	88
27	113	106	292	171	242	175	432	132	133	116	115	88
28	112	105	219	164	240	170	394	128	142	106	112	88
29	110	105	186	164	---	164	320	140	120	114	110	88
30	108	106	166	162	---	164	266	139	142	163	109	87
31	108	---	161	161	---	193	---	138	---	392	108	---
TOTAL	3454	3137	4971	11023	23058	8616	14997	6783	3572	4135	10039	2971
MEAN	111	105	160	356	824	284	500	219	119	133	324	99.0
MAX	151	107	381	839	2850	1010	1930	675	142	392	1660	137
MIN	105	102	107	161	160	164	169	128	109	106	108	87
CFSM	.45	.43	.65	1.44	3.34	1.15	2.02	.89	.48	.54	1.31	.40
IN.	.52	.47	.75	1.66	3.47	1.33	2.26	1.02	.54	.62	1.51	.45

CAL YR 1981 TOTAL 69942 MEAN 192 MAX 1660 MIN 99 CFSM .78 IN 10.53
WTR YR 1982 TOTAL 96956 MEAN 266 MAX 2850 MIN 87 CFSM 1.08 IN 14.60

07376000 TICKFAW RIVER AT HOLDEN, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.07	1.03	1.08	2.28	1.55	2.33	3.11	2.10	1.33	1.91	2.93	1.21
2	1.11	1.02	1.16	3.73	2.49	2.40	4.99	2.24	1.30	1.45	5.24	1.17
3	1.07	1.02	1.16	3.13	5.69	2.26	5.41	2.18	1.28	1.27	7.83	1.16
4	1.04	1.02	1.13	3.86	7.70	2.14	6.08	3.33	1.26	1.24	7.03	1.13
5	1.04	1.02	1.07	2.98	8.02	2.08	4.10	2.71	1.27	1.14	4.07	1.11
6	1.02	1.01	1.04	2.33	5.72	2.23	2.93	3.65	1.27	1.20	2.83	1.10
7	1.02	.99	1.03	2.06	3.60	3.75	2.46	4.54	1.24	1.18	3.14	1.09
8	1.03	.99	1.04	1.88	2.94	5.90	2.18	2.74	1.22	1.13	3.49	1.08
9	1.03	1.01	1.04	3.63	2.67	5.44	2.01	2.22	1.20	1.16	2.86	1.06
10	1.04	1.00	1.04	4.98	2.63	4.16	1.89	2.00	1.18	1.37	2.35	1.06
11	1.39	1.00	1.04	4.88	3.04	3.15	1.80	1.89	1.17	1.52	2.14	1.07
12	1.48	1.00	1.06	2.96	2.77	2.75	1.75	1.91	1.16	1.45	2.01	1.14
13	1.20	1.00	1.07	3.05	3.08	2.51	1.69	1.83	1.14	1.34	1.82	1.50
14	1.12	1.00	1.32	5.20	4.01	2.33	1.64	1.74	1.15	1.67	1.76	1.42
15	1.07	1.00	1.63	5.30	3.57	2.19	1.62	1.65	1.23	1.50	1.76	1.24
16	1.06	1.00	2.56	4.13	5.63	2.08	1.59	1.59	1.27	1.29	2.49	1.14
17	1.05	.99	2.22	3.30	7.52	2.00	1.67	1.54	1.26	1.25	2.55	1.16
18	1.05	1.00	1.66	2.83	9.05	1.92	1.94	1.50	1.24	1.21	2.06	1.17
19	1.04	.99	1.46	2.47	10.51	1.86	2.36	1.48	1.20	1.32	1.72	1.12
20	1.02	1.00	1.38	2.24	10.80	1.81	2.00	1.45	1.16	1.40	2.04	1.14
21	1.01	.98	1.32	2.08	7.36	1.75	2.35	1.56	1.30	1.25	2.19	1.11
22	1.01	.98	1.28	1.95	3.86	1.72	5.00	1.55	1.29	1.16	1.77	1.05
23	1.01	.99	1.27	1.85	3.19	1.68	7.34	1.56	1.19	1.15	1.56	1.03
24	1.01	1.00	1.44	1.78	2.82	1.67	8.54	1.45	1.25	1.28	1.44	1.02
25	1.02	1.03	2.39	1.77	2.57	1.66	7.37	1.55	1.23	1.30	1.36	1.01
26	1.11	1.03	3.05	1.72	2.40	1.67	3.91	1.45	1.26	1.28	1.30	1.02
27	1.11	1.02	2.50	1.65	2.29	1.70	3.28	1.37	1.40	1.25	1.27	1.02
28	1.09	1.01	2.01	1.59	2.27	1.66	3.06	1.34	1.50	1.14	1.24	1.01
29	1.06	1.01	1.78	1.58	---	1.61	2.60	---	1.28	1.22	1.21	1.01
30	1.05	1.02	1.63	1.57	---	1.60	2.27	---	1.46	1.61	1.18	1.00
31	1.04	---	1.58	1.55	---	1.82	---	---	---	3.23	1.19	---
MAX	1.48	1.03	3.05	5.30	10.80	5.90	8.54	4.54	1.50	3.23	7.83	1.50
MIN	1.01	.98	1.03	1.55	1.55	1.60	1.59	---	1.14	1.13	1.18	1.00

07376500 NATALBANY RIVER AT BAPTIST, LA.

LOCATION.--Lat 30°30'15", long 90°32'45", in NE1/4NW1/4 sec.30, T. 6 S., R. 7 E., St. Helena meridian, Tangipahoa Parish, Hydrologic Unit 08070203, near right bank on downstream side of bridge on U.S. Highway 190, 0.7 mi (1.1 km) downstream from Still Branch, and 0.7 mi (1.1 km) west of Baptist.

DRAINAGE AREA.--79.5 mi^2 (205.9 km^2).

PERIOD OF RECORD.--August 1943 to current year.

REVISED RECORDS.--WSP 1057: 1943.

GAGE.--Water-stage recorder. Datum of gage is 11.28 ft (3.438 m) National Geodetic Vertical Datum of 1929. Prior to June 4, 1948, nonrecording gage, and June 4, 1948, to Apr. 13, 1950, water-stage recorder at old highway bridge 100 ft (30 m) upstream at same datum.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--39 years, 114 ft^3/s (3.228 m^3/s), 19.47 in/yr (495 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,550 ft^3/s (270 m^3/s) May 3, 1953, gage height, 19.73 ft (6.014 m); minimum discharge, 1.8 ft^3/s (0.051 m^3/s) Nov. 2-5, 1963; minimum gage height, 2.78 ft (0.847 m) Oct. 14, 15, 16, 17, 18, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,680 ft^3/s (47.6 m^3/s) Aug. 2, gage height, 12.09 ft (3.685 m); no peak above base of 1,700 ft^3/s (48.1 m^3/s), minimum discharge, 5.4 ft^3/s (0.15 m^3/s) Nov. 8; minimum gage height, 2.84 ft (0.865 m) Oct. 20, 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.2	6.0	17	102	27	44	198	33	11	315	221	16
2	14	5.9	20	67	743	41	103	38	11	86	1430	15
3	8.1	6.0	11	414	1300	38	69	34	11	40	1100	15
4	7.2	5.8	9.5	339	520	35	56	31	11	24	286	15
5	7.2	5.9	8.7	126	209	35	52	29	11	19	111	15
6	7.1	5.8	8.7	62	129	61	45	26	11	197	64	14
7	7.1	5.7	8.8	54	98	283	40	26	10	69	67	14
8	7.5	5.5	9.2	54	82	176	38	24	9.9	63	154	14
9	7.4	5.8	9.3	42	110	87	37	23	9.8	40	163	14
10	7.3	5.8	9.7	36	98	58	36	23	9.7	34	117	14
11	8.2	5.8	9.9	29	77	53	34	22	9.6	55	74	38
12	7.1	5.7	14	62	138	48	33	20	9.7	28	61	39
13	7.0	6.0	13	309	215	44	32	20	9.6	31	56	110
14	6.9	6.0	47	376	134	40	32	21	17	27	37	125
15	6.9	6.0	68	180	274	37	35	20	31	46	116	27
16	6.9	6.0	27	95	1420	35	46	19	18	74	297	17
17	6.7	6.0	19	65	693	34	132	19	16	47	73	15
18	6.6	6.0	17	49	279	32	134	19	12	28	45	13
19	6.5	6.2	15	40	133	31	72	18	10	17	37	13
20	6.3	6.4	14	35	91	29	52	19	10	22	29	27
21	6.4	6.4	14	31	72	29	500	16	178	20	27	24
22	6.2	6.6	13	28	61	32	745	17	225	18	24	13
23	6.3	6.7	14	27	54	30	467	19	27	16	21	12
24	6.3	7.2	41	30	50	32	191	16	94	28	20	11
25	6.4	7.5	272	26	44	30	109	15	281	19	19	11
26	8.7	7.3	106	24	44	28	81	15	65	15	18	11
27	11	7.6	53	22	46	28	63	14	49	13	18	11
28	7.2	7.3	37	20	43	29	51	15	39	13	17	11
29	6.4	7.2	37	44	---	28	43	13	54	13	16	10
30	6.3	7.7	32	29	---	28	37	12	65	143	16	10
31	6.2	---	53	27	---	144	---	12	---	152	16	---
TOTAL	227.6	189.8	1027.8	2844	7184	1679	3563	648	1325.3	1712	4750	694
MEAN	7.34	6.33	33.2	91.7	257	54.2	119	20.9	44.2	55.2	153	23.1
MAX	14	7.7	272	414	1420	283	745	38	281	315	1430	125
MIN	6.2	5.5	8.7	20	27	28	32	12	9.6	13	16	10
CFSM	.09	.08	.42	1.15	3.23	.68	1.50	.26	.56	.69	1.93	.29
IN.	.11	.09	.48	1.33	3.36	.79	1.67	.30	.62	.80	2.22	.32

CAL YR 1981 TOTAL 16888.0 MEAN 46.3 MAX 1780 MIN 5.5 CFSM .58 IN 7.90
WTR YR 1982 TOTAL 25844.5 MEAN 70.8 MAX 1430 MIN 5.5 CFSM .89 IN 12.09

MISSISSIPPI RIVER DELTA

07376500 NATALBANY RIVER AT BAPTIST, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.92	2.89	3.19	4.33	3.36	3.56	4.95	3.37	3.04	5.99	5.32	3.27
2	3.12	2.88	3.29	3.93	7.71	3.50	4.17	3.46	3.04	4.23	11.06	3.25
3	2.93	2.89	3.03	6.34	10.50	3.45	3.81	3.40	3.05	3.63	9.67	3.25
4	2.89	2.89	2.95	6.12	6.80	3.40	3.62	3.33	3.04	3.34	5.68	3.24
5	2.89	2.89	2.91	4.56	4.84	3.39	3.57	3.28	3.03	3.23	4.45	3.23
6	2.89	2.88	2.90	3.90	4.22	3.74	3.45	3.26	3.01	5.14	4.03	3.22
7	2.89	2.87	2.89	3.80	3.94	5.66	3.37	3.26	2.99	4.03	4.06	3.21
8	2.91	2.87	2.89	3.79	3.78	4.87	3.33	3.23	2.99	3.96	4.74	3.21
9	2.91	2.89	2.88	3.61	4.02	4.11	3.30	3.21	2.98	3.63	4.95	3.21
10	2.91	2.89	2.89	3.51	3.94	3.75	3.28	3.18	2.98	3.53	4.57	3.21
11	2.96	2.88	2.89	3.39	3.72	3.70	3.25	3.17	2.98	3.87	4.14	3.57
12	2.90	2.88	3.00	3.76	4.24	3.61	3.22	3.18	2.97	3.48	3.98	3.68
13	2.90	2.89	2.97	5.92	4.88	3.54	3.20	3.18	2.96	3.47	3.92	4.22
14	2.90	2.89	3.56	6.39	4.26	3.47	3.19	3.20	3.11	3.41	3.66	4.57
15	2.90	2.88	3.88	5.02	5.10	3.41	3.24	3.19	3.44	3.62	4.22	3.54
16	2.90	2.88	3.28	4.31	11.10	3.39	3.42	3.18	3.20	3.89	5.84	3.35
17	2.89	2.87	3.12	3.97	8.01	3.35	4.20	3.16	3.16	3.73	4.12	3.30
18	2.89	2.87	3.06	3.75	5.61	3.31	4.37	3.18	3.05	3.41	3.77	3.26
19	2.88	2.87	3.00	3.60	4.54	3.28	3.77	3.16	2.99	3.19	3.66	3.24
20	2.87	2.89	2.98	3.50	4.16	3.24	3.47	3.13	2.98	3.29	3.54	3.48
21	2.89	2.88	2.97	3.43	3.95	3.24	6.43	3.13	4.21	3.25	3.50	3.47
22	2.87	2.89	2.96	3.37	3.80	3.30	8.18	3.16	5.12	3.19	3.44	3.24
23	2.88	2.89	2.96	3.36	3.70	3.24	6.70	3.20	3.40	3.17	3.40	3.20
24	2.88	2.92	3.48	3.42	3.64	3.28	4.94	3.14	4.04	3.40	3.37	3.19
25	2.90	2.93	5.63	3.35	3.55	3.24	4.29	3.12	5.74	3.24	3.34	3.18
26	3.02	2.92	4.35	3.29	3.56	3.20	4.02	3.12	3.99	3.12	3.32	3.18
27	3.10	2.92	3.75	3.25	3.58	3.19	3.80	3.10	3.77	3.08	3.31	3.17
28	2.96	2.91	3.50	3.23	3.54	3.20	3.64	3.07	3.60	3.06	3.29	3.17
29	2.91	2.89	3.50	3.66	---	3.18	3.50	3.07	3.84	3.08	3.28	3.17
30	2.90	2.91	3.41	3.41	---	3.17	3.42	3.07	3.79	4.50	3.27	3.16
31	2.89	---	3.71	3.37	---	4.41	---	3.06	---	4.74	3.25	---
MAX	3.12	2.93	5.63	6.39	11.10	5.66	8.18	3.46	5.74	5.99	11.06	4.57
MIN	2.87	2.87	2.88	3.23	3.36	3.17	3.19	3.06	2.96	3.06	3.25	3.16

07377000 AMITE RIVER NEAR DARLINGTON, LA

LOCATION.--Lat 30°53'20", long 90°50'40", in lot 72, T. 2 S., R. 4 E., St. Helena meridian, St. Helena Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on State Highway 10, 1.5 mi (2.4 km) upstream from Collins Creek, and 4.0 mi (6.4 km) west of Darlington.

DRAINAGE AREA.--580 mi^2 (1,502 km^2).

PERIOD OF RECORD.--March 1949 to September 1950 (annual maximum), October 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 145.81 ft (44.443 m) National Geodetic Vertical Datum of 1929. Jan. 13, 1951, to May 28, 1963, water-stage recorder at former channel 700 ft (210 m) to the left; and July 30, 1963, to Feb. 12, 1964, nonrecording gage at present site. Prior to Oct. 1, 1963, at datum 2.99 ft (0.911 m) higher.

AVERAGE DISCHARGE.--32 years, 893 ft^3/s (25.29 m^3/s), 20.91 in/yr (531 mm/yr).

REMARKS.--Records good. Records of dissolved oxygen and water temperature for water year 1982 are published under miscellaneous water-quality sites in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 76,400 ft^3/s (2,160 m^3/s) Apr. 22, 1977, gage height, 21.76 ft (6.632 m); minimum, 188 ft^3/s (5.32 m^3/s) Oct. 18, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 8,000 ft^3/s or 227 m^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Feb. 17	1945	*18100	513	*16.03	4.886
Apr. 1	1730	11500	326	14.42	4.395

Minimum discharge, 256 ft^3/s (7.25 m^3/s) June 12; minimum gage height, 3.03 ft (0.924 m) Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	268	292	314	823	538	913	10400	450	276	395	462	303
2	264	286	326	587	653	842	7480	934	273	375	726	295
3	262	285	311	427	3100	556	2670	1370	272	360	1020	284
4	262	286	298	453	2630	537	1460	740	272	390	1040	280
5	263	286	292	397	1310	536	1020	538	272	340	637	278
6	264	286	292	374	756	519	746	448	267	298	453	275
7	264	283	293	944	604	1560	644	776	264	355	542	274
8	264	282	295	4560	529	1320	560	1060	265	540	563	273
9	273	286	295	2020	511	934	508	607	263	840	509	271
10	315	286	293	724	1010	679	484	451	261	500	713	271
11	343	286	292	533	968	582	463	398	259	545	787	279
12	295	285	308	485	719	528	454	370	257	600	1530	321
13	280	285	328	809	866	496	438	352	270	431	1390	313
14	275	286	371	845	832	463	426	352	267	381	928	316
15	274	286	474	697	775	448	416	349	288	317	575	301
16	275	287	413	591	7690	424	409	341	297	334	529	285
17	275	286	356	528	15600	409	505	326	314	339	878	284
18	275	286	338	476	12200	398	1150	319	302	331	572	282
19	273	287	325	443	4300	386	783	315	278	293	609	277
20	269	286	315	421	1550	377	638	308	269	287	460	276
21	269	283	313	407	1110	369	3600	301	279	540	395	273
22	271	283	318	392	909	358	4900	296	315	547	364	271
23	277	285	329	385	775	352	3630	293	338	354	331	268
24	292	291	330	395	683	382	1520	293	299	318	308	268
25	301	292	357	384	605	471	1010	303	340	307	321	269
26	313	291	369	370	558	380	894	322	380	311	299	271
27	317	289	346	362	663	352	741	315	420	406	287	268
28	296	288	331	357	980	347	607	292	465	336	286	266
29	288	289	322	355	---	343	524	286	510	359	286	266
30	294	296	316	353	---	339	474	282	450	506	292	266
31	284	---	483	420	---	4040	---	279	---	554	346	---
TOTAL	8725	8605	10343	21314	63424	20640	49554	14068	9282	12789	18438	8424
MEAN	281	287	334	688	2265	666	1652	454	309	413	595	281
MAX	343	296	483	4560	15600	4040	10400	1370	510	840	1530	321
MIN	262	282	292	353	511	339	409	279	257	287	286	266
CFSM	.48	.50	.58	1.19	3.91	1.15	2.85	.78	.53	.71	1.03	.48
IN.	.56	.55	.66	1.37	4.07	1.32	3.18	.90	.60	.82	1.18	.54

CAL YR 1981 TOTAL 187808 MEAN 515 MAX 4670 MIN 262 CFSM .89 IN 12.05
WTR YR 1982 TOTAL 245605 MEAN 673 MAX 15600 MIN 257 CFSM 1.16 IN 15.75

07377000 AMITE RIVER NEAR DARLINGTON, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.34	3.46	3.56	5.05	4.24	5.15	13.83	4.19	3.45	---	3.41	3.20
2	3.32	3.44	3.61	4.43	4.55	4.74	11.85	5.00	3.41	---	4.47	3.22
3	3.31	3.43	3.50	4.47	4.27	4.55	7.53	5.75	3.47	---	5.06	3.17
4	3.31	3.43	3.49	4.04	7.74	4.44	5.95	4.72	3.47	---	5.07	3.15
5	3.32	3.43	3.46	4.47	[illegible]	4.37	5.31	4.33	3.47	---	4.28	3.14
6	3.32	3.43	3.45	[illegible]	[illegible]	4.38	4.92	4.38	3.45	---	3.63	3.12
7	3.32	3.42	3.47	5.11	4.44	5.24	4.64	4.70	3.43	---	4.03	3.11
8	3.32	3.41	3.44	5.77	4.47	5.78	4.41	5.27	3.42	---	4.07	3.10
9	3.33	3.43	3.47	4.82	4.22	5.13	4.35	4.45	3.42	---	3.95	3.10
10	3.56	3.43	3.47	[illegible]	[illegible]	4.73	4.27	4.09	3.41	---	4.40	3.09
11	3.57	3.44	3.46	4.78	5.35	4.34	4.21	3.94	3.37	---	4.51	3.14
12	3.47	3.42	3.54	4.14	4.55	4.42	---	3.84	3.34	---	5.78	3.31
13	3.46	3.43	3.61	5.00	5.15	4.45	---	3.76	3.45	3.48	5.02	3.29
14	3.39	3.44	3.78	5.11	5.07	4.29	---	3.78	3.41	3.42	4.00	3.24
15	3.37	3.43	4.11	4.74	4.88	4.26	---	3.77	3.33	3.50	4.06	3.23
16	3.37	3.43	3.93	4.44	11.44	4.16	---	3.75	3.58	3.60	3.95	3.15
17	3.49	3.44	3.74	4.27	15.44	4.13	---	3.70	3.64	3.60	4.70	3.15
18	3.37	3.44	3.66	4.12	14.33	4.10	---	3.57	3.59	3.62	4.16	3.14
19	3.47	3.43	3.60	4.12	[illegible]	4.06	---	3.55	3.48	3.47	4.15	3.12
20	3.34	3.43	3.56	3.96	[illegible]	4.13	---	3.54	3.43	3.44	3.78	3.11
21	3.35	3.41	3.56	3.91	5.46	4.00	---	3.61	3.44	4.15	3.60	3.19
22	3.38	3.42	3.57	3.85	5.14	3.96	4.59	3.59	3.64	4.10	3.48	3.08
23	3.36	3.43	3.52	3.83	4.90	3.94	8.61	3.57	3.72	3.65	3.37	3.05
24	3.40	3.45	3.52	3.87	4.74	4.04	5.47	3.57	3.57	3.52	3.30	3.05
25	3.50	3.46	3.73	3.83	4.53	4.23	5.21	3.51	---	3.44	3.34	3.07
26	3.55	3.46	3.78	3.74	4.49	4.04	5.00	3.66	---	3.49	3.25	3.08
27	3.57	3.45	3.64	3.74	4.70	3.94	4.71	3.56	---	3.78	3.20	3.06
28	3.40	3.44	3.63	3.73	5.26	3.93	4.40	3.57	---	3.55	3.19	3.05
29	3.44	3.44	3.59	3.72	---	3.91	4.27	3.54	---	3.62	3.19	3.05
30	3.42	3.43	3.56	3.71	---	3.90	4.16	3.52	---	4.11	3.21	3.04
31	3.42	---	4.11	3.75	---	[illegible]	---	3.51	---	4.12	3.40	---
MAX	3.57	3.46	4.11	5.77	15.45	[illegible]	13.83	5.75	---	---	5.78	3.31
MIN	3.31	3.41	3.46	3.71	4.22	3.90	---	3.51	3.39	3.44	3.19	3.04

07377240 LITTLE SANDY CREEK NEAR GREENWELL SPRINGS, LA

LOCATION.--Lat 30°37'36", long 90°59'20", in lot 59, T. 5 S., R. 2 E., East Baton Rouge Parish, Hydrologic Unit 08070202, on downstream side of bridge on Louisiana Highway 409, 0.5 mi (0.8 km) upstream from Sandy Creek, 0.6 mi (1.0 km) downstream from Wind Bayou, and 3.4 (5.5 km) north of the village of Greenwell Springs.

DRAINAGE AREA.--28.2 mi^2 (73.0 km^2).

PERIOD OF RECORD.--October 1974 to current year. Unpublished gage-height records, June to September 1974, available in files of Baton Rouge district office.

REVISED RECORDS.--WDR-LA-81-2: 1980.

GAGE.--Water-stage recorder. Altitude of gage is 50 ft (15 m), from topographic map.

AVERAGE DISCHARGE.--8 years, 52.5 ft^3/s (1.487 m^3/s), 25.28 in/yr (642 mm/yr).

REMARKS.--Records poor. Records of dissolved oxygen and water temperatures for the water 1982 are published under miscellaneous water-quality sites in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,780 ft^3/s (164 m^3/s) Apr. 22, 1979, maximum gage height, 24.47 ft (7.458 m) Apr. 21, 1977, backwater from the Amite River; minimum discharge, no flow many days each year.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 650 ft^3/s (18.4 m^3/s) and maximum (*).

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Feb. 16	2015	*1040	29.5	*18.42	5.614

Minimum discharge, no flow at times many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.42	.00	.50	126	16	4.2	70	.00	.40	.92	79	.08
2	.46	.00	.80	18	121	4.1	10	.00	.27	.55	100	.00
3	.31	.00	.84	9.5	473	3.9	20	.00	.91	.06	28	.01
4	.11	.00	1.3	9.7	262	3.6	30	.00	5.2	.00	8.7	.06
5	.03	.00	1.2	8.9	25	9.9	10	.00	2.4	.00	3.7	.00
6	.39	.02	.93	6.6	7.3	190	2.0	.00	1.5	.00	10	.00
7	.20	.00	.74	5.7	5.3	372	.50	.21	1.1	.00	19	.00
8	.19	.00	.70	6.1	4.1	70	.45	114	.47	.00	7.6	.00
9	.14	.10	.59	8.8	3.4	14	5.0	32	.43	.00	32	.00
10	.26	.15	.55	6.7	5.6	7.3	20	2.9	.67	.02	72	.00
11	.07	.18	.51	5.5	6.0	6.0	18	1.5	.74	.34	69	1.0
12	.00	.18	.52	37	74	5.3	16	1.1	.59	.04	45	18
13	.00	.18	.81	287	134	4.7	5.0	.70	.78	3.3	121	6.1
14	.00	.16	70	213	20	4.1	2.0	.50	.83	4.3	9.1	2.9
15	.00	.18	122	57	126	3.6	.60	.30	.80	21	18	2.0
16	.00	.17	12	13	874	3.5	.40	.50	1.5	7.5	88	.75
17	.00	.03	7.3	6.9	578	3.3	.50	.70	2.2	2.5	9.9	.02
18	.00	.00	6.4	4.9	116	3.1	1.0	.50	3.0	.95	12	.00
19	.00	.00	6.1	3.7	19	3.2	2.0	.40	2.2	.74	199	.00
20	.00	.00	6.0	3.1	9.2	3.0	3.1	.30	1.6	1.7	66	.00
21	.00	.04	5.8	2.5	6.6	2.8	171	.23	1.6	2.7	7.1	.13
22	.00	.01	6.0	1.8	5.4	2.6	440	.30	1.3	1.5	3.9	.16
23	.06	.03	23	2.6	4.8	2.4	268	1.0	1.0	.92	2.1	.09
24	.00	.00	59	6.1	4.3	6.0	29	52	.24	.35	1.2	.00
25	.00	.00	157	4.5	3.9	40	4.5	22	.00	.90	.76	.00
26	.00	.04	31	2.9	3.9	50	3.5	3.7	.03	3.6	.49	.00
27	.00	.00	11	2.0	4.2	10	2.0	2.4	.32	1.5	.22	.00
28	.00	.02	7.2	1.5	4.2	20	.86	1.7	1.8	.63	.00	.03
29	.00	.09	6.1	1.2	---	50	.07	1.0	1.9	.16	.00	.03
30	.00	.09	5.4	1.4	---	10	.00	.70	1.3	15	.00	.00
31	.00	---	101	4.6	---	2.0	---	.50	---	36	.06	---
TOTAL	2.63	1.67	652.29	868.2	2916.2	914.6	1135.48	241.14	37.33	107.18	1011.73	31.36
MEAN	.085	.056	21.0	28.0	104	29.5	37.8	7.78	1.24	3.46	32.6	1.05
MAX	.46	.18	157	287	874	372	440	114	5.2	36	199	18
MIN	.00	.00	.50	1.2	3.4	2.0	.00	.00	.00	.00	.00	.00
CFSM	.003	.002	.75	.99	3.69	1.05	1.34	.28	.04	.12	1.16	.04
IN.	.00	.00	.86	1.15	3.85	1.21	1.50	.32	.05	.14	1.33	.04

CAL YR 1981 TOTAL 4601.88 MEAN 18.1 MAX 477 MIN .00 CFSM .64 IN 8.71
WTR YR 1982 TOTAL 7919.81 MEAN 21.7 MAX 874 MIN .00 CFSM .77 IN 10.45

07377240 LITTLE SANDY CREEK NEAR GREENWELL SPRINGS, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.26	7.22	7.31	10.02	8.11	7.37	---	7.18	---	7.18	9.27	6.98
2	7.26	7.22	7.35	7.99	9.71	7.36	---	7.18	7.11	7.14	9.62	6.97
3	7.25	7.23	7.35	7.67	15.05	7.34	---	7.18	7.18	7.06	8.31	6.97
4	7.22	7.25	7.40	7.67	12.06	7.31	---	7.15	7.62	7.05	7.89	6.99
5	7.22	7.25	7.39	7.63	8.32	7.59	---	7.17	7.34	7.02	7.51	6.97
6	7.26	7.26	7.36	7.45	7.81	11.00	---	7.17	7.23	7.02	7.62	6.94
7	7.25	7.26	7.34	7.36	7.62	13.73	---	7.21	7.19	7.03	8.25	6.92
8	7.25	7.25	7.34	7.40	7.50	9.10	---	9.86	7.15	7.00	7.82	6.90
9	7.25	7.27	7.32	7.62	7.43	7.96	---	8.35	7.13	6.99	8.09	6.92
10	7.26	7.28	7.32	7.46	7.64	7.66	---	7.39	7.15	7.01	9.16	6.97
11	7.24	7.28	7.32	7.34	7.69	7.54	---	7.24	7.16	7.12	9.08	7.08
12	7.23	7.28	7.32	8.08	9.01	7.46	---	7.19	7.14	7.08	8.67	8.11
13	7.23	7.28	7.35	12.53	10.18	7.40	---	---	7.16	7.41	9.97	7.60
14	7.23	7.28	8.98	11.44	8.23	7.35	---	---	7.17	7.53	7.87	7.34
15	7.22	7.28	9.97	8.91	9.87	7.30	---	---	7.17	7.89	7.81	7.25
16	7.22	7.28	7.75	8.08	17.67	7.28	---	---	7.24	7.74	9.42	7.11
17	7.21	7.26	7.52	7.77	17.45	7.27	---	---	7.32	7.39	7.91	7.02
18	7.21	7.25	7.43	7.58	14.30	7.26	---	---	7.40	7.22	7.77	7.01
19	7.20	7.25	7.40	7.46	9.22	7.27	---	---	7.31	7.20	11.22	7.01
20	7.19	7.26	7.39	7.39	7.80	---	7.32	---	7.25	7.29	9.02	7.01
21	7.19	7.26	7.37	7.34	7.61	---	10.70	---	7.25	7.41	7.70	7.04
22	7.19	7.26	7.39	7.26	7.49	---	14.64	---	7.22	7.28	7.39	7.05
23	7.22	7.26	8.05	7.34	7.43	---	12.19	---	7.19	7.22	7.20	7.04
24	7.22	7.25	8.81	7.70	7.38	---	8.39	8.67	7.11	7.16	7.10	7.02
25	7.23	7.26	10.57	7.54	7.34	---	7.71	8.16	7.04	7.21	7.06	7.02
26	7.23	7.26	8.32	7.37	7.34	---	7.61	7.47	7.08	7.49	7.03	7.02
27	7.22	7.26	7.72	7.29	7.37	---	7.45	7.33	7.12	7.28	7.00	7.00
28	7.22	7.26	7.51	7.22	7.37	---	7.33	---	7.28	7.19	6.98	7.03
29	7.23	7.27	7.40	7.20	---	---	7.22	---	7.28	7.14	6.95	7.03
30	7.22	7.27	7.33	7.22	---	---	7.19	---	7.22	7.66	6.96	7.03
31	7.23	---	9.44	7.53	---	---	---	---	---	8.45	6.99	---
MAX	7.26	7.28	10.57	12.53	17.67	13.73	14.64	9.86	7.62	8.45	11.22	8.11
MIN	7.19	7.22	7.31	7.20	7.34	---	---	---	7.04	6.99	6.95	6.90

07377500 COMITE RIVER NEAR OLIVE BRANCH, LA

LOCATION.--Lat 30°45'21", long 91°02'38", in lot 41, T. 3 S., R.2 E., St. Helena meridian, East Feliciana Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on State Highway 67, 1,000 ft (549 m) downstream from Knighton Bayou, and 1.3 mi (2.1 km) northeast of Olive Branch.

DRAINAGE AREA.--145 mi^2 (376 km^2).

PERIOD OF RECORD.--August 1942 to current year.

REVISED RECORDS.--WSP 1177: 1948, 1949(M). WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 113.65 ft (34.640 m) National Geodetic Vertical Datum of 1929. Aug. 20, 1942, to Oct. 28, 1949, nonrecording gage, Oct. 29, 1949, to Feb. 3, 1964, water-stage recorder at site 1,400 ft (430 m) upstream. Prior to Oct. 1, 1977, at datum 2.00 ft (0.610 m) higher.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--40 years, 228 ft^3/s (6.457 m^3/s), 21.31 in/yr (541 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,400 ft^3/s (634 m^3/s) Apr. 22, 1977; maximum gage height, 23.37 ft (7.123 m) present datum, Mar. 18, 1961; minimum discharge, 28 ft^3/s (0.79 m^3/s) Oct. 12, 13, 15, 16, 17, 18, 19, 1972; minimum gage height, 1.59 ft (0.485 m) Sept. 22, 23, 1982.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 3,000 ft^3/s) (85.0 m^3/s) and maximum (*).

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Feb. 17	0930	*4660	132	*9.06	2.761

Minimum discharge, 36 ft^3/s (1.02 m^3/s) Sept. 10, 11; minimum gage height, 1.59 ft (0.485 m) Sept. 22, 23.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	49	48	576	172	148	1260	87	54	53	207	56
2	52	49	53	156	383	139	711	95	53	95	884	47
3	46	50	52	123	1410	134	188	117	53	58	281	44
4	46	49	46	192	607	131	165	86	53	50	120	42
5	48	44	44	107	202	130	124	78	52	47	76	41
6	48	47	45	85	144	168	103	74	51	53	62	40
7	44	44	45	132	117	508	91	661	50	46	68	39
8	42	42	46	1250	102	260	85	295	48	56	61	38
9	45	41	46	609	258	136	81	115	48	55	60	38
10	168	40	45	162	221	110	82	87	48	114	107	37
11	91	45	45	118	136	99	80	78	47	67	69	52
12	65	44	48	145	161	94	76	74	49	52	607	102
13	55	40	56	516	265	90	73	71	48	57	542	81
14	51	40	93	387	160	85	72	71	48	74	231	56
15	49	39	118	219	373	82	71	69	48	55	92	49
16	49	42	87	156	3380	79	70	68	49	49	69	47
17	48	42	65	127	4090	79	136	67	53	46	62	47
18	48	42	66	105	1480	76	183	64	59	178	77	46
19	47	41	61	94	312	75	102	63	50	82	275	49
20	46	42	55	87	230	70	92	62	47	128	170	45
21	48	44	52	81	193	68	1210	61	49	101	84	41
22	48	44	53	77	171	65	2270	60	75	93	76	40
23	51	44	67	75	156	64	1160	60	128	56	63	40
24	50	46	65	72	147	68	293	58	64	48	54	42
25	59	48	96	70	141	138	199	69	93	48	51	42
26	58	45	87	66	139	95	197	72	172	48	48	42
27	59	44	71	64	160	71	144	59	107	45	47	41
28	54	43	61	65	168	67	114	57	80	44	46	41
29	51	43	56	63	---	67	101	56	86	46	48	40
30	50	46	58	63	---	65	93	56	59	207	87	40
31	50	---	420	120	---	470	---	55	---	96	91	---
TOTAL	1716	1327	2250	6162	15478	3931	9626	3045	1921	2247	4815	1405
MEAN	55.4	44.2	72.6	199	553	127	321	98.2	64.0	72.5	155	46.8
MAX	168	50	420	1250	4090	508	2270	661	172	207	884	102
MIN	42	39	44	63	102	64	70	55	47	44	46	37
CFSM	.38	.31	.50	1.37	3.81	.88	2.21	.68	.44	.50	1.07	.32
IN.	.44	.34	.58	1.58	3.97	1.01	2.47	.78	.49	.58	1.24	.36

CAL YR 1981 TOTAL 38724 MEAN 106 MAX 1560 MIN 39 CFSM .73 IN 9.93
WTR YR 1982 TOTAL 53923 MEAN 148 MAX 4090 MIN 37 CFSM 1.02 IN 13.83

07377500 COMITE RIVER NEAR OLIVE BRANCH, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.72	1.73	1.73	3.73	2.41	2.13	5.10	1.84	1.66	1.66	2.19	1.71
2	1.73	1.73	1.75	2.31	2.96	2.09	3.83	1.88	1.66	1.87	4.38	1.67
3	1.70	1.74	1.75	2.16	5.35	2.07	2.44	1.98	1.66	1.69	2.71	1.65
4	1.70	1.74	1.72	2.47	3.74	2.05	2.34	1.83	1.67	1.65	2.03	1.64
5	1.70	1.73	1.71	2.08	2.54	2.05	2.15	1.79	1.66	1.64	1.81	1.64
6	1.70	1.73	1.72	1.98	2.29	2.21	2.04	1.77	1.66	1.66	1.74	1.63
7	1.68	1.71	1.72	2.16	2.16	3.56	1.98	3.48	1.65	1.63	1.77	1.63
8	1.67	1.70	1.72	5.98	2.09	2.30	1.95	2.72	1.64	1.68	1.74	1.62
9	1.69	1.71	1.72	3.68	2.73	2.30	1.94	1.97	1.64	1.67	1.73	1.62
10	2.29	1.69	1.72	2.37	2.62	2.17	1.94	1.83	1.64	1.96	1.97	1.62
11	1.95	1.71	1.72	2.17	2.25	2.12	1.93	1.79	1.64	1.74	1.77	1.69
12	1.82	1.71	1.73	2.28	2.36	2.09	1.91	1.77	1.64	1.66	3.57	1.93
13	1.77	1.69	1.77	3.66	2.79	2.07	1.90	1.75	1.64	1.69	3.61	1.80
14	1.75	1.69	1.97	3.24	2.36	2.05	1.89	1.76	1.64	1.77	2.49	1.68
15	1.74	1.69	2.09	2.61	2.84	2.03	1.88	1.75	1.64	1.67	1.89	1.65
16	1.73	1.70	1.95	2.34	7.80	2.01	1.88	1.74	1.65	1.65	1.77	1.64
17	1.73	1.70	1.84	2.21	8.53	2.01	2.19	1.73	1.66	1.63	1.74	1.63
18	1.73	1.70	1.84	2.11	5.16	2.00	2.41	1.72	1.70	2.25	1.82	1.63
19	1.73	1.70	1.82	2.05	2.81	2.00	2.04	1.71	1.65	1.81	2.65	1.64
20	1.72	1.70	1.78	2.01	2.48	1.97	1.98	1.71	1.64	2.00	2.25	1.62
21	1.73	1.71	1.77	1.98	2.33	1.96	4.91	1.70	1.64	1.90	1.85	1.61
22	1.73	1.71	1.77	1.96	2.23	1.95	6.49	1.70	1.77	1.87	1.81	1.60
23	1.75	1.71	1.85	1.96	2.16	1.94	4.73	1.70	2.02	1.68	1.74	1.60
24	1.74	1.72	1.83	---	2.13	1.96	2.73	1.69	1.72	1.64	1.70	1.61
25	1.78	1.73	1.99	---	2.10	2.29	2.35	1.74	1.87	1.64	1.68	1.61
26	1.78	1.72	1.95	---	2.09	2.10	2.35	1.76	2.21	1.64	1.67	1.61
27	1.78	1.71	1.87	1.90	2.18	1.98	2.11	1.69	1.93	1.63	1.67	1.61
28	1.76	1.70	1.82	1.90	2.22	1.96	1.97	1.69	1.80	1.62	1.66	1.61
29	1.75	1.71	1.79	1.90	---	1.95	1.90	1.68	1.83	1.63	1.67	1.60
30	1.74	1.72	1.80	1.89	---	1.94	1.86	1.68	1.69	2.37	1.86	1.60
31	1.74	---	3.09	2.18	---	3.31	---	1.67	---	1.88	1.89	---
MAX	2.29	1.74	3.09	5.08	8.53	3.56	6.49	3.48	2.21	2.37	4.38	1.93
MIN	1.67	1.69	1.71	1.89	2.09	1.94	1.86	1.67	1.64	1.62	1.66	1.60

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA

LOCATION.--Lat 30°37'00", long 91°06'55", in SE1/4 lot 16, T.5 S., R. 2 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on State Highway 67 (Plank Road), 1.0 mi (1.6 km) downstream from point of diversion, 2.16 mi (4.2 km) upstream from mouth, and 6.5 mi (10.5 km)northeast of terminal building at Ryan Airport, at Baton Rouge.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1972 to current year.--Daily gage heights January 1965 to July 1972 published as "Stewart Swamp Diversion Canal near Fred, La." by Corps of Engineers, New Orleans district.

GAGE.--Water-stage recorder. Datum of gage is 62.00 ft (18.898 m) National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Records good above 10 ft³/s (0.28 m³/s) and poor below. Records of dissolved oxygen and water temperatures for water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--10 years, 9.83 ft³/s (0.28 m³/s).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,550 ft³/s (43.9 m³/s) Apr. 23, 1979; maximum gage height, 19.08 ft (5.816 m) Apr. 22, 1977 (backwater from Comite River); no flow many days in most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 604 ft³/s (17.1 m³/s) Feb. 16, gage height, 11.83 ft (3.606 m); minimum, no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.10	.24	.54	.06	5.0	.10	.15	.00	.00	.04	.21	.01
2	.10	.19	.24	.03	20	.43	.03	.00	.00	.02	.05	.01
3	.04	.21	.26	.02	120	.54	.06	.09	.00	.01	.05	.02
4	.04	.22	.37	.04	20	.53	.04	.14	.00	.01	.06	.01
5	.04	.19	.44	.02	5.0	1.7	.03	.01	.00	.00	.06	.00
6	.13	.15	.48	.01	.60	7.5	.02	.02	.00	.00	.91	.00
7	.16	.15	.49	.02	.30	5.7	.01	49	.00	.00	.62	.00
8	.15	.16	.58	.03	.13	2.2	.01	19	.00	.00	.26	.00
9	.17	.27	.58	.02	.08	1.0	.01	.03	.00	.00	1.5	.01
10	.18	.13	.54	.01	.05	.50	.02	.01	.00	.00	6.1	.05
11	.16	.12	.57	.01	.04	.17	.01	.00	.00	.00	5.3	.17
12	.11	.13	.69	.05	3.0	.12	.01	.00	.00	.00	1.3	.11
13	.14	.12	1.3	60	1.9	.07	.01	.00	.00	.00	.30	.06
14	.09	.08	9.1	.30	.90	.06	.01	.01	.00	.00	.09	.05
15	.11	.07	1.5	.10	65	.05	.01	.01	.00	.00	.14	.01
16	.06	.07	.33	.05	493	.14	.01	.01	.00	.00	2.0	.02
17	.07	.06	.24	.02	124	.04	1.3	.14	.01	.00	.11	.30
18	.08	.06	.06	.02	2.2	.03	.18	.10	.01	.00	.46	.12
19	.06	.12	.03	.02	.86	.03	.03	.02	.00	.07	.85	.02
20	.05	.12	.01	.01	.27	.02	.25	.02	.00	.35	.19	.00
21	.06	.16	.01	.01	.03	.01	14	.00	.00	.15	.06	.00
22	.12	.21	.02	.01	.02	.02	51	.00	.02	.10	.05	.00
23	.22	.23	.08	.01	.01	.01	11	.00	.01	.03	.04	.02
24	.16	.29	.82	.01	.03	.05	1.1	.00	.00	.02	.04	.01
25	.22	.28	1.0	.01	.03	.04	.41	.29	.00	.01	.04	.00
26	.22	.37	.30	.02	.05	.03	.05	.10	.02	.00	.04	.00
27	.27	.41	.10	.03	.07	.03	.02	.02	.03	.00	.05	.00
28	.27	.43	.02	.03	.05	.05	.01	.00	.02	.00	.05	.00
29	.20	.28	.02	.04	---	.03	.01	.00	.02	.00	.04	.00
30	.22	.50	.01	.20	---	.03	.01	.00	.05	.00	.03	.00
31	.25	---	22	1.0	---	.81	---	.00	---	1.0	.02	---
TOTAL	4.25	6.02	42.73	62.21	862.62	21.94	79.81	69.02	.19	1.81	21.02	1.00
MEAN	.14	.20	1.38	2.01	30.8	.71	2.66	2.23	.006	.058	.68	.033
MAX	.27	.50	22	60	493	7.5	51	49	.05	1.0	6.1	.30
MIN	.04	.06	.01	.01	.01	.01	.01	.00	.00	.00	.02	.00

CAL YR 1981 TOTAL 980.34 MEAN 2.69 MAX 323 MIN .00
WTR YR 1982 TOTAL 1172.62 MEAN 3.21 MAX 493 MIN .00

NOTE.--No gage-height record Dec. 18 to Feb. 8.

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.88	3.94	4.00	---	---	3.77	3.79	3.65	3.63	3.69	3.76	3.74
2	3.85	3.94	3.93	---	---	3.84	3.71	3.65	3.62	3.63	3.69	3.74
3	3.82	3.94	3.94	---	---	3.96	3.75	3.71	3.62	3.61	3.69	3.75
4	3.82	3.95	3.96	---	---	3.86	3.73	3.80	3.63	3.59	3.71	3.74
5	3.83	3.94	3.97	---	---	4.01	3.70	3.68	3.62	3.57	3.73	3.75
6	3.86	3.94	3.97	---	---	4.56	3.66	3.70	3.61	3.56	3.85	3.75
7	3.86	3.94	3.98	---	---	4.46	3.65	5.38	3.60	3.54	3.85	3.75
8	3.87	3.94	3.98	---	---	4.09	3.66	5.01	3.59	3.51	3.79	3.75
9	3.87	3.97	3.98	---	3.84	3.92	3.67	3.75	3.58	3.49	3.93	3.75
10	3.88	3.95	3.98	---	3.81	3.85	3.67	3.68	3.57	3.48	4.31	3.75
11	3.87	3.94	3.98	---	3.78	3.79	3.67	3.65	3.56	3.47	4.41	3.79
12	3.87	3.95	3.99	---	4.21	3.76	3.65	3.64	3.56	3.44	3.96	3.78
13	3.88	3.94	4.07	---	4.14	3.75	3.64	3.64	3.57	3.40	3.81	3.76
14	3.87	3.94	4.76	---	3.99	3.75	3.64	3.58	3.58	3.36	3.75	3.73
15	3.87	3.96	4.09	---	5.58	3.73	3.65	3.68	3.57	3.33	3.76	3.60
16	3.87	3.94	3.92	---	11.07	3.72	3.65	3.67	3.60	3.30	4.03	3.63
17	3.87	3.94	3.89	---	7.37	3.70	3.95	3.74	3.65	3.26	3.77	3.71
18	3.87	3.94	---	---	4.13	3.69	3.82	3.81	3.63	3.26	3.81	3.73
19	3.87	3.94	---	---	3.95	3.68	3.71	3.70	3.61	3.67	3.90	3.62
20	3.86	3.94	---	---	3.81	3.67	3.74	3.70	3.60	3.72	3.79	3.59
21	3.88	3.95	---	---	3.69	3.67	4.89	3.65	3.61	3.72	3.75	3.57
22	3.89	3.95	---	---	3.65	3.65	6.28	3.64	3.66	3.70	3.74	3.54
23	3.92	3.96	---	---	3.63	3.66	4.84	3.63	3.62	3.62	3.74	3.62
24	3.91	3.97	---	---	3.68	3.74	4.01	3.63	3.60	3.58	3.74	3.60
25	3.93	3.97	---	---	3.71	3.71	3.90	3.76	3.59	3.56	3.74	3.57
26	3.93	3.98	---	---	3.75	3.70	3.79	3.80	3.65	3.52	3.74	3.54
27	3.94	3.99	---	---	3.78	3.70	3.71	3.70	3.69	3.49	3.74	3.51
28	3.94	3.99	---	---	3.74	3.74	3.67	3.65	3.64	3.45	3.74	3.49
29	3.93	3.95	---	---	---	3.70	3.65	3.64	3.65	3.41	3.74	3.45
30	3.94	3.99	---	---	---	3.69	3.66	3.64	3.73	3.37	3.74	3.41
31	3.94	---	---	---	---	3.89	---	3.64	---	3.69	3.74	---
MAX	3.94	3.99	---	---	11.07	4.56	6.28	5.38	3.73	3.72	4.41	3.79
MIN	3.82	3.94	---	---	3.63	3.45	3.64	3.63	3.56	3.26	3.69	3.41

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA

LOCATION.--Lat 30°38'13", long 91°07'39", at center of E1/2 lot 39, T. 5 S., R. 1 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on Lower Zachary Road, 1.5 mi (2.4 km) downstream from Indian Bayou, and 2.0 mi (3.2 km) southeast of Zachary.

DRAINAGE AREA.--45 mi^2 (117 km^2), approximately.

PERIOD OF RECORD.--August 1972 to current year. Daily gage heights from January 1965 to July 1972 published as White Bayou near Zachary by Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder. Datum of gage is 65.00 ft (19.812 m) National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Records good above 10 ft^3/s (0.28 m^3/s) and poor below. Records for dissolved oxygen and water temperatures for water year 1982 are published under micellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--10 years, 76.5 ft^3/s (2.166 m^3/s), 23.08 in/yr (586 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,480 ft^3/s (127 m^3/s) Apr. 23, 1979, gage height, 23.05 ft (7.026 m); minimum daily, no flow many days in most years.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,700 ft^3/s (48.1 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Feb. 16	0345	*2020	57.2	*18.72	5.71

Minimum daily discharge, 0.04 ft^3/s (0.001 m^3/s) June 14, 15; minimum gage height, 3.01 ft (0.917 m) Sept. 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	.08	5.2	146	45	7.2	55	3.0	.62	1.3	1.8	.34
2	4.2	.10	1.5	26	288	5.0	16	2.5	.47	.46	1.1	.15
3	1.6	.10	.98	14	724	4.4	17	2.3	.48	.22	10	.24
4	2.0	.12	.74	14	102	3.4	35	2.3	.44	.14	3.1	.34
5	1.4	.12	.47	10	31	5.8	11	2.0	.27	.09	1.7	.29
6	1.9	.10	.41	6.8	14	77	4.7	1.8	.15	.08	61	.32
7	.83	.08	.30	5.0	8.5	179	2.9	576	.10	.07	215	.18
8	.62	.06	.30	23	5.7	47	2.4	630	.08	.07	18	.10
9	.41	1.5	.30	19	42	18	2.2	47	.06	.06	4.9	.08
10	.45	1.1	.30	7.4	152	4.5	2.1	13	.05	.05	45	.06
11	18	.70	.26	3.8	29	6.3	1.9	6.8	.05	.35	80	2.4
12	4.4	.35	.30	93	53	5.0	1.5	4.3	.05	.47	89	8.3
13	2.5	.18	5.3	388	96	3.9	1.7	3.1	.05	1.1	41	5.0
14	1.7	.12	78	155	31	3.7	1.8	2.9	.04	.53	12	2.2
15	1.2	.12	13	55	363	3.4	1.6	2.4	.04	.32	80	1.4
16	.98	.12	2.4	74	1870	3.2	1.7	2.0	.91	.34	405	1.0
17	.79	.18	2.3	11	1030	3.4	68	2.2	1.3	.45	42	4.5
18	.47	.22	1.8	7.0	133	3.1	99	2.1	.38	4.7	15	3.6
19	.35	.26	1.1	4.9	29	2.6	19	1.7	.15	2.0	231	.86
20	.26	.47	.82	4.1	16	2.2	8.9	1.5	.10	6.7	86	.32
21	.47	.54	.83	3.4	16	2.0	322	1.3	.41	13	12	.12
22	.22	.70	.85	3.0	7.1	1.8	815	1.1	1.4	4.1	5.2	.10
23	.25	.79	8.4	4.6	5.3	1.7	544	5.2	1.2	1.6	2.8	.10
24	.41	.84	25	5.7	4.3	2.0	48	1.4	1.5	.74	2.1	.10
25	.30	1.0	48	5.0	3.7	2.0	21	18	9.0	.25	1.3	.10
26	.41	1.3	18	4.9	3.7	1.7	12	14	2.7	.07	.98	.10
27	.22	1.4	8.9	3.1	4.6	1.4	8.4	4.3	1.7	.48	.75	.09
28	.15	1.4	4.4	2.8	8.6	1.7	5.8	2.1	2.6	1.1	.52	.09
29	.10	1.5	2.7	2.5	---	1.8	3.9	1.4	1.9	.61	.36	.09
30	.10	2.4	1.9	2.4	---	1.8	3.3	1.0	5.8	.31	.26	.09
31	.08	---	162	16	---	5.8	---	.81	---	2.1	.29	---
TOTAL	48.63	17.95	387.26	1133.4	5137.7	416.8	2137.3	1359.51	34.00	43.78	1469.17	32.66
MEAN	1.57	.60	12.5	36.6	183	13.4	71.2	43.9	1.13	1.41	47.4	1.09
MAX	18	2.4	162	388	1870	179	815	630	9.0	13	405	8.3
MIN	.08	.06	.26	2.4	3.7	1.4	1.5	.81	.04	.05	.26	.06
CFSM	.04	.01	.28	.81	4.07	.30	1.58	.98	.03	.03	1.05	.02
IN.	.04	.01	.32	.94	4.25	.34	1.77	1.12	.03	.04	1.21	.03

CAL YR 1981 TOTAL 11799.45 MEAN 32.3 MAX 1590 MIN .06 CFSM .72 IN 9.75
WTR YR 1982 TOTAL 12218.16 MEAN 33.5 MAX 1870 MIN .04 CFSM .74 IN 10.10

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.60	3.17	3.74	7.46	5.19	3.97	5.43	3.65	3.28	3.41	3.50	3.25
2	3.46	3.18	3.45	4.68	7.59	3.82	4.38	3.59	3.26	3.27	3.37	3.20
3	3.53	3.18	3.36	4.29	12.29	3.78	4.32	3.56	3.25	3.22	4.07	3.22
4	3.60	3.19	3.31	4.41	6.97	3.69	4.94	3.56	3.25	3.19	3.60	3.25
5	3.48	3.19	3.27	4.14	4.82	3.85	4.15	3.52	3.22	3.19	3.47	3.24
6	3.44	3.18	3.26	3.84	4.31	5.50	3.81	3.50	3.19	3.15	4.54	3.24
7	3.40	3.17	3.24	3.86	4.04	7.49	3.65	4.45	3.17	3.12	7.68	3.21
8	3.30	3.16	3.24	4.59	4.09	5.24	3.58	11.51	3.16	3.10	4.42	3.18
9	3.33	3.46	3.24	3.48	4.73	4.44	3.55	5.19	3.15	3.09	3.82	3.15
10	3.35	3.40	3.24	4.00	6.98	4.10	3.54	4.25	3.14	3.08	4.62	3.13
11	4.44	3.31	3.23	3.76	4.77	3.91	3.51	3.85	3.14	3.08	5.93	3.39
12	3.81	3.28	3.24	5.37	5.31	3.82	3.46	3.77	3.14	3.19	6.07	3.94
13	3.59	3.26	3.55	9.73	6.24	3.74	3.48	3.66	3.14	3.39	5.06	3.73
14	3.48	3.25	5.82	7.15	4.82	3.73	3.50	3.64	3.12	3.26	4.20	3.47
15	3.40	3.25	4.23	5.62	7.14	3.70	3.47	3.58	3.12	3.28	4.94	3.35
16	3.35	3.24	3.66	4.04	18.17	3.68	3.49	3.52	3.29	3.25	9.66	3.27
17	3.32	3.26	3.59	4.21	14.03	3.70	5.26	3.55	3.41	3.25	5.05	3.52
18	3.27	3.27	3.53	3.98	6.19	3.57	6.22	3.54	3.24	3.79	4.24	3.58
19	3.25	3.27	3.40	3.85	4.78	3.60	4.47	3.48	3.19	3.52	6.13	3.25
20	3.23	3.30	3.35	3.79	4.38	3.55	4.06	3.44	3.17	3.76	5.85	3.15
21	3.27	3.32	3.35	3.73	4.14	3.52	8.35	3.42	3.23	4.18	4.21	3.10
22	3.22	3.32	3.35	3.68	3.98	3.50	12.89	3.38	3.42	3.74	3.84	3.07
23	3.23	3.33	4.01	3.62	3.85	3.48	10.83	3.77	3.39	3.46	3.63	3.04
24	3.26	3.34	4.51	3.31	3.77	3.53	5.26	3.43	3.44	3.31	3.53	3.03
25	3.24	3.37	5.32	3.43	3.73	3.51	4.54	4.02	3.94	3.22	3.43	3.03
26	3.26	3.41	4.64	3.55	3.72	3.49	4.25	4.28	3.60	3.15	3.35	3.02
27	3.22	3.43	4.08	3.71	3.80	3.43	4.06	3.75	3.46	3.23	3.31	3.02
28	3.20	3.43	3.81	3.65	4.04	3.48	3.88	3.53	3.59	3.37	3.26	3.03
29	3.18	3.45	3.64	3.62	---	3.49	3.74	3.43	3.50	3.29	3.25	3.04
30	3.18	3.56	3.53	3.61	---	3.49	3.68	3.36	3.84	3.24	3.23	3.05
31	3.17	---	6.92	4.32	---	3.85	---	3.31	---	3.40	3.24	---
MAX	4.44	3.56	6.92	9.73	18.17	7.49	12.89	11.51	3.94	4.18	9.66	3.94
MIN	3.17	3.16	3.23	3.31	3.72	3.43	3.46	3.31	3.12	3.08	3.23	3.02

07377842 WHITE BAYOU NEAR BAKER, LA

LOCATION.--Lat 30°34'45", long 91°07'18", in NW1/4SW1/4 lot 28, T. 5 S., R. 1 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on Pettit Road, 0.1 mi (0.2 km) upstream from pipeline crossing, 0.6 mi (1.0 km) downstream from State Highway 67, and 2.8 mi (4.5 km) east of Baker.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1972 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 60 ft or 18 m (approximately), from topographic map.

REMARKS.--Records poor. Records of dissolved oxygen and water temperatures for water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--10 years, 11.7 ft^3/s (0.331 m^3/s).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 661 ft^3/s (18.7 m^3/s) Apr. 23, 1977, gage height, 17.25 ft (5.258 m), backwater from Comite River; maximum gage height unaffected by backwater, 15.29 ft (4.660 m) Mar. 24, 1973; no flow many days in most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 329 ft^3/s (9.32 m^3/s) Feb. 16, gage height, 12.18 ft (3.712 m); minimum, .02 ft^3/s (0.001 m^3/s) Sept. 30, gage height, 3.59 ft (1.094 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.21	.14	9.7	12	1.3	.68	2.7	.30	.24	1.1	2.9	.08
2	.76	.15	1.6	2.9	65	.60	2.4	.53	.26	.52	.67	.06
3	.18	.19	.73	4.8	105	.57	3.6	1.0	.30	.24	.86	.07
4	.13	.20	.61	4.9	21	.55	2.9	3.6	.28	.23	5.0	.08
5	.12	.18	.64	2.1	4.7	1.4	2.7	1.1	.26	.20	1.4	.10
6	.12	.19	.69	.98	2.1	32	3.4	.51	.25	.21	50	.07
7	.12	.23	.59	.70	1.1	43	3.1	4.4	.25	.22	100	.06
8	.13	.22	.56	.76	.71	8.2	1.1	4.1	.24	.18	20	.07
9	.14	.44	.61	.79	1.3	3.4	2.2	.92	.23	.19	11	.06
10	.14	.20	.61	.59	1.0	1.9	2.9	.47	.22	.27	30	.06
11	.14	.14	.65	.51	.54	1.2	2.4	.32	.21	.31	40	.62
12	.15	.10	.85	30	41	.94	1.3	.33	.20	.41	50	2.3
13	.15	.10	12	67	17	.70	.77	.44	.19	.24	20	.15
14	.16	.10	100	41	3.4	.73	1.3	.70	.18	.25	12	.10
15	.16	.11	22	7.7	79	.68	1.8	.61	.16	.26	30	.50
16	.15	.11	3.0	3.0	273	.65	2.1	.49	.24	.25	140	2.5
17	.15	.12	1.9	1.7	93	1.1	16	.51	.37	.28	40	.18
18	.17	.12	1.7	.92	11	1.5	4.0	.45	.36	.61	10	5.4
19	.16	.15	1.0	.61	4.6	1.7	1.8	.49	.35	.48	110	.53
20	.14	.14	.74	.47	3.0	1.9	1.7	.52	.40	13	50	.13
21	.15	.14	.74	.37	1.9	1.7	88	.61	.45	15	20	.10
22	.13	.14	.84	.33	1.3	1.5	146	.58	.68	.72	6.0	.06
23	.19	.13	19	3.1	.88	1.8	46	.61	1.0	.25	2.0	.06
24	.15	.31	45	2.1	.72	2.4	5.3	.58	1.1	.14	.90	.05
25	.28	.21	45	1.2	.64	2.4	1.8	20	1.3	.13	.20	.04
26	.25	.18	5.6	.55	.83	2.2	.67	5.2	2.1	.12	.10	.05
27	.18	.19	2.2	.39	1.1	2.5	.63	.25	1.2	.13	.12	.04
28	.15	.18	1.1	.31	.86	2.8	.66	.21	.98	.13	.11	.04
29	.13	.17	.53	.29	---	2.7	.71	.21	1.1	.23	.14	.05
30	.13	2.4	.60	.27	---	2.9	.58	.20	2.1	.22	.09	.04
31	.13	---	44	3.2	---	7.7	---	.22	---	3.6	.08	---
TOTAL	5.45	7.38	324.79	195.54	736.98	134.00	350.52	50.46	17.20	40.12	753.57	13.65
MEAN	.18	.25	10.5	6.31	26.3	4.32	11.7	1.63	.57	1.29	24.3	.46
MAX	.76	2.4	100	67	273	43	146	20	2.1	15	140	5.4
MIN	.12	.10	.53	.27	.54	.55	.58	.20	.16	.12	.08	.04

CAL YR 1981 TOTAL 2113.87 MEAN 5.79 MAX 213 MIN .00
WTR YR 1982 TOTAL 2629.66 MEAN 7.20 MAX 273 MIN .04

07377842 WHITE BAYOU NEAR BAKER, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.05	3.77	4.78	4.92	4.21	3.79	4.25	3.96	4.00	4.60	4.45	3.73
2	4.25	3.81	4.10	4.29	6.15	3.71	4.22	4.10	4.14	3.35	4.13	3.63
3	3.98	3.87	3.94	4.44	7.65	3.90	4.35	4.18	4.17	3.75	4.01	3.72
4	3.99	3.39	3.91	4.51	5.25	3.84	4.39	4.52	4.07	3.73	---	3.75
5	3.79	3.86	3.92	4.14	4.59	3.75	4.27	4.24	4.04	3.71	---	3.79
6	3.76	3.88	3.93	4.00	4.33	5.26	4.35	4.13	4.02	3.71	---	3.70
7	3.74	3.86	3.93	3.93	4.18	5.41	4.32	4.52	4.03	3.73	---	3.59
8	3.75	3.84	3.90	3.95	4.04	4.76	3.99	4.53	4.01	3.65	---	3.70
9	3.77	4.14	3.91	3.86	4.19	4.35	4.19	4.21	3.98	3.69	---	3.73
10	3.77	4.00	3.91	3.91	4.15	4.18	4.29	4.06	3.95	3.76	---	3.64
11	3.79	3.85	3.92	3.98	4.12	4.13	4.23	3.94	3.94	3.74	---	3.99
12	3.80	3.76	3.95	4.14	5.00	3.99	4.02	3.99	3.92	3.53	---	4.50
13	3.90	3.75	4.52	5.54	5.16	3.44	3.95	4.05	3.90	3.75	---	3.95
14	3.92	3.74	7.39	5.85	4.45	3.94	4.06	4.10	3.87	3.79	---	3.79
15	3.91	3.76	5.21	4.79	5.00	3.93	4.14	4.12	3.95	3.77	---	3.91
16	3.90	3.73	4.30	4.43	11.32	3.82	4.10	4.18	3.97	3.75	---	4.54
17	3.80	3.86	4.15	4.27	7.51	4.03	4.45	4.10	4.14	3.77	---	4.06
18	3.93	3.81	4.13	4.14	4.92	4.19	4.40	4.06	4.04	3.56	---	4.79
19	3.81	3.87	4.08	4.04	4.97	4.13	4.14	4.08	3.95	3.94	---	4.27
20	3.78	3.85	3.94	3.99	4.30	4.15	4.11	4.09	3.99	4.52	---	3.90
21	3.79	3.45	3.94	3.94	4.15	4.12	6.90	4.14	3.97	5.04	---	3.79
22	3.70	3.84	3.90	3.91	4.05	4.19	5.53	4.13	4.03	4.11	---	3.65
23	3.87	3.83	5.10	4.37	3.98	4.14	5.47	4.14	4.00	3.89	---	3.67
24	3.91	4.11	5.75	4.33	3.94	4.23	4.65	4.13	4.07	3.73	---	3.66
25	3.94	4.02	5.35	4.18	3.92	4.22	4.35	4.09	4.05	3.70	---	3.63
26	3.93	3.96	4.90	4.02	3.95	4.26	4.10	4.53	4.14	3.70	3.66	3.64
27	3.86	3.96	4.20	3.95	4.03	4.24	4.15	4.02	4.01	3.70	3.69	3.62
28	3.74	3.95	4.01	3.91	3.97	4.29	4.18	3.95	3.97	3.71	3.58	3.62
29	3.77	3.94	3.89	3.88	---	4.28	4.17	3.94	4.01	3.80	3.75	3.63
30	3.75	4.13	3.90	3.97	---	4.29	4.18	3.82	4.10	3.84	3.76	3.61
31	3.76	---	5.05	4.45	---	4.70	---	3.95	---	4.28	3.75	---
MAX	4.25	4.14	7.39	5.54	11.32	5.41	6.53	4.84	4.14	5.04	---	4.79
MIN	3.74	3.74	3.39	3.87	3.92	3.39	3.95	3.92	3.85	3.66	---	3.61

07378000 COMITE RIVER NEAR COMITE, LA

LOCATION.--Lat 30°30'45", long 91°04'25", on line between lots 24 and 44, T.6 S., R. 1 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near left bank on downstream side of bridge on State Highway 946, 0.5 mi (0.8 km) downstream from Blackwater Bayou, and 2.6 mi (4.2 km) west of Comite.

DRAINAGE AREA.--284 mi^2 (735 km^2). See REMARKS.

PERIOD OF RECORD.--March 1944 to current year.

REVISED RECORDS.--WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 23.85 ft (7.269 m) National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works). Prior to Apr. 22, 1946, nonrecording gage at same site. Prior to Oct. 1, 1962, at datum 5.00 ft (1.524 m) higher. Prior to Oct. 1, 1978, at datum 2.00 ft (0.610 m) higher.

REMARKS.--Records fair. Since 1957, considerable flow from 46 mi^2 (119 km^2) diverted from basin. Records of dissolved oxygen and water temperatures for the water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--38 years, 457 ft^3/s (12.94 m^3/s), 21.85 in/yr (555 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 24,100 ft^3/s (683 m^3/s) Apr. 23, 1977; maximum gage height, 30.64 ft (9.339 m) May 19, 1953, present datum (prior to dredging August 1961); minimum discharge, 28 ft^3/s (0.79 m^3/s) Aug. 1, 1977.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 7,000 ft^3/s or 198 m^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Feb. 16	1430	*8530	242	*17.31	5.276

Minimum discharge, 34 ft^3/s (0.96 m^3/s) Sept. 29, gage height, 0.88 ft (0.268 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63	53	55	1220	400	145	400	110	66	65	188	84
2	97	54	62	475	1000	127	1700	105	65	55	663	63
3	64	55	54	145	3500	121	600	120	70	83	800	57
4	57	54	57	237	1200	116	300	140	63	57	243	57
5	56	53	53	177	400	121	180	125	61	51	125	53
6	56	52	53	120	270	559	140	105	59	44	90	53
7	52	51	53	105	230	1010	120	475	58	100	403	52
8	53	48	53	751	400	715	110	1560	57	127	141	51
9	53	61	53	1190	600	323	95	225	55	90	96	50
10	66	52	54	280	400	205	90	132	54	80	209	50
11	156	49	52	154	341	153	88	127	53	105	120	67
12	92	51	54	234	600	150	85	118	52	68	90	126
13	69	50	59	1240	455	135	84	105	56	65	600	100
14	50	48	517	1050	300	120	83	101	54	60	500	81
15	57	49	295	495	1000	110	82	101	53	69	360	63
16	56	49	144	211	7600	100	81	99	60	56	160	67
17	55	50	96	143	6700	94	80	102	68	51	90	58
18	54	53	82	149	3330	88	140	119	60	61	100	65
19	53	50	74	126	712	84	240	100	62	153	160	57
20	53	48	69	114	402	80	180	97	55	76	320	54
21	52	49	66	105	236	79	1630	85	52	198	220	49
22	54	51	64	98	177	77	4600	82	57	100	169	49
23	55	51	137	112	150	73	3000	144	94	81	120	47
24	57	54	322	106	132	72	1400	93	92	56	90	45
25	59	54	420	113	123	70	600	119	147	52	82	46
26	72	55	166	93	122	170	250	357	136	50	66	47
27	61	53	112	93	127	140	200	127	215	43	62	46
28	66	51	87	86	150	115	170	84	125	45	60	45
29	57	52	74	82	---	88	150	74	102	46	61	45
30	56	54	64	80	---	72	130	70	85	191	73	44
31	54	---	343	150	---	90	---	68	---	243	93	---
TOTAL	1955	1549	3883	9734	31261	5588	17010	5473	2340	2645	6565	1771
MEAN	63.1	51.6	125	314	1116	180	567	177	78.0	85.3	212	59.0
MAX	156	61	517	1240	7600	1010	4600	1560	215	243	800	126
MIN	52	48	52	80	122	70	80	68	52	43	60	44
CFSM	.22	.18	.44	1.11	3.93	.63	2.00	.62	.28	.30	.75	.21
IN.	.26	.20	.51	1.28	4.09	.73	2.23	.72	.31	.35	.86	.23

CAL YR 1981 TOTAL 77376 MEAN 212 MAX 4430 MIN 48 CFSM .75 IN 10.14
WTR YR 1982 TOTAL 89774 MEAN 246 MAX 7600 MIN 44 CFSM .87 IN 11.76

NOTE.--No gage-height record Jan. 29 to Feb. 16, Mar. 12 to May 7, Aug. 11-25.

07378000 COMITE RIVER NEAR COMITE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.67	1.63	1.90	5.80	---	2.19	---	---	1.29	1.29	2.10	1.30
2	1.99	1.64	1.71	3.39	---	2.06	---	---	1.28	1.28	3.82	1.17
3	1.71	1.64	1.68	2.54	---	1.98	---	---	1.32	1.44	4.00	1.11
4	1.66	1.64	1.66	2.76	---	1.93	---	---	1.27	1.21	2.34	1.11
5	1.65	1.63	1.63	2.49	---	1.93	---	---	1.25	1.15	1.74	1.07
6	1.64	1.62	1.63	2.15	---	3.51	---	---	1.23	1.12	1.47	1.07
7	1.63	1.61	1.63	2.05	---	5.22	---	---	1.22	1.43	2.90	1.06
8	1.64	1.58	1.63	4.25	---	4.25	---	6.76	1.21	1.63	1.99	1.05
9	1.64	1.70	1.62	5.45	---	2.83	---	2.78	1.19	1.48	1.54	1.04
10	1.75	1.62	1.63	2.47	---	2.35	---	2.01	1.18	1.39	2.22	1.04
11	2.37	1.59	1.62	2.43	---	2.15	---	1.76	1.17	1.57	---	1.20
12	1.96	1.61	1.64	2.70	---	---	---	1.70	1.16	1.31	---	1.75
13	1.77	1.60	1.68	5.85	---	---	---	1.61	1.20	1.31	---	1.52
14	1.69	1.58	3.65	5.34	---	---	---	1.58	1.19	1.24	---	1.33
15	1.67	1.58	3.02	3.70	---	---	---	1.58	1.17	1.32	---	1.16
16	1.65	1.59	2.37	2.94	---	---	---	1.57	1.24	1.20	---	1.20
17	1.64	1.60	2.04	2.58	15.76	---	---	1.59	1.31	1.15	---	1.12
18	1.64	1.60	1.92	2.35	10.66	---	---	1.71	1.24	1.24	---	1.18
19	1.63	1.60	1.86	2.19	5.89	---	---	1.57	1.26	1.40	---	1.11
20	1.62	1.58	1.82	2.11	3.70	---	---	1.56	1.19	1.37	---	1.08
21	1.62	1.59	1.79	2.05	2.84	---	---	1.45	1.16	2.14	---	1.03
22	1.64	1.61	1.77	2.00	2.55	---	---	1.43	1.21	1.57	---	1.03
23	1.65	1.61	2.32	2.11	2.37	---	---	1.49	1.51	1.42	---	1.01
24	1.66	1.64	3.63	2.06	2.24	---	---	1.51	1.50	1.20	---	.99
25	1.68	1.64	3.49	2.03	2.15	---	---	1.66	2.05	1.15	---	1.00
26	1.66	1.65	2.49	1.96	2.12	---	---	2.79	1.82	1.14	1.17	1.01
27	1.70	1.63	2.16	1.95	2.13	---	---	1.75	2.22	1.12	1.15	1.00
28	1.69	1.61	1.97	1.99	2.25	---	---	1.44	1.75	1.10	1.14	.99
29	1.66	1.61	1.85	---	---	---	---	1.36	1.54	1.10	1.15	.99
30	1.64	1.64	1.81	---	---	---	---	1.33	1.45	1.47	1.26	.98
31	1.64	---	3.10	---	---	---	---	1.31	---	2.36	1.45	---
MAX	2.37	1.70	3.65	5.86	---	5.22	---	6.76	2.22	2.36	---	1.75
MIN	1.62	1.58	1.62	---	2.12	---	---	1.31	1.15	1.10	1.14	.98

07378050 COMITE RIVER AT GREENWELL SPRINGS ROAD, NEAR BATON ROUGE, LA

LOCATION.--Lat 30°30'20", long 90°02'24", on line between secs, 51 and 52, T. 6 S., R. 2 E., East Baton Rouge Parish, Hydrologic Unit 08070202, at bridge on Greenwell Springs Road, 2.9 mi (4.7 km) downstream from gaging station Comite River near Comite (station 07378000), 5.0 mi (8.0 km) northeast of Baton Rouge city limits, and 9.4 mi (15.1 km) northeast of Baton Rouge Post Office.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Annual maximum elevation, water years 1962-81. October 1981 to current year (elevations only).

GAGE.--Water-stage recorder. Datum is National Geodetic Vertical Datum of 1929. Non-recording gage at same site and datum.

REMARKS.--No elevations recorded below 20.11 ft (6.130 m).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 47.05 ft (14.341 m) Apr. 22, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 36.61 ft (11.159 m) Feb. 16.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.77	20.73	20.72	24.89	---	20.45	24.61	---			---	
2	20.77	20.73	20.72	22.10	---	20.27	25.91	---			---	
3	20.77	20.73	20.72	20.72	---	---	25.51	---			---	
4	20.77	20.73	20.72	20.60	---	---	23.04	20.16			---	
5	20.77	20.73	20.72	20.76	---	---	20.78				---	
6	20.77	20.73	20.72	20.29	---	20.52	20.32				---	
7	20.77	20.73	20.72	20.13	---	24.22					---	
8	20.77	20.73	20.72	20.17	---	23.69		27.84		21.13	---	
9	20.77	20.73	20.72	24.68	---	21.49		21.57		20.20	---	
10	20.77	20.73	20.72	21.55	---	20.76		20.42			---	
11	20.77	20.72	20.72	20.63	---	20.45				20.23	---	
12	20.74	20.72	20.72	20.40	20.77	20.29					---	20.33
13	20.74	20.73	20.72	24.34	22.44	20.21					---	
14	20.74	20.72	21.09	24.80	21.80	20.13					---	
15	20.74	20.72	21.73	22.41	21.28						---	
16	20.74	20.72	20.77	21.35	35.43						---	
17	20.74	20.72	20.76	---	35.99						---	
18	20.74	20.72	20.77	---	32.94		22.02	20.16			---	
19	20.74	20.72	20.77	---	29.16		21.14			20.46	---	
20	20.74	20.72	20.76	---	26.70		20.18				---	
21	20.74	20.72	20.76	---	22.09		20.29			20.27	---	
22	20.74	20.72	20.76	---	21.00		31.70			---	---	
23	20.74	20.72	20.80	---	20.69		31.60	20.50		---	---	
24	20.74	20.72	20.73	---	20.50		26.02			---	---	
25	20.74	20.72	22.58	---	20.39		22.08			---	---	
26	20.74	20.72	20.80	---	20.33	20.54	21.06	21.73	20.25	---		
27	20.74	20.72	20.78	---	20.34		20.67	20.22	20.77	---		
28	20.74	20.72	20.78	---	20.40		20.43			---		
29	20.73	20.72	20.78	20.13	---		20.17			---		
30	20.73	20.72	20.13	20.13	---					---		
31	20.74	---	21.20	20.35	---		---		---	---		
MAX	20.77	20.73	22.58	24.89	35.99	24.22	31.70	27.84	20.77	21.13	---	20.33
MIN	20.73	20.72	20.13	---	---	---	---	---	---	---	---	---

NOTE.--Elevation was below lowest recordable elevation of 20.11 ft, Mar. 15-25, 27-31, Apr. 7-17, 30, May 5-7, 11-17, 19-22, 24, 25, May 28, June 25, June 28 to July 7, July 10, 12-18, 20, Aug. 26 to Sept. 11, Sept. 13-30.

07378083 BEAVER BAYOU AT HOOPER ROAD, NEAR BATON ROUGE, LA

LOCATION.--Lat 30°33'39", long 91°01'15", in sec. 4, T. 6 S., R. 2 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070207, near center of box culvert on downstream side of State Highway 408, 1,200 ft (370 m) east of Roundsville Road, and 8.6 mi (13.8 km) northeast of Baton Rouge Post Office.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--March to September 1982 (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 50.00 ft (15.240 m) National Geodetic Vertical Datum of 1929 (levels by East Baton Rouge Parish, Department of Public Works).

EXTREMES FOR CURRENT YEAR.--Maximum gage height during period March to September, 8.76 ft (2.670 m) Apr. 22, minimum, 3.25 ft (0.991 m) Sept. 6.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							4.34	3.96	3.47	3.67	4.73	3.33
2							4.08	3.91	3.48	3.57	4.35	3.31
3							3.99	3.88	3.83	3.51	4.08	3.28
4						4.51	3.85	3.90	3.59	3.49	4.08	3.26
5						4.59	3.76	3.99	3.49	3.46	3.85	3.25
6						6.28	3.67	3.95	3.47	3.45	3.99	3.28
7						5.46	3.64	3.94	3.46	4.00	5.16	3.29
8						4.60	3.61	3.90	3.46	5.03	4.35	3.44
9						4.26	3.71	3.86	3.46	4.83	3.92	3.42
10						4.11	3.68	3.83	3.46	4.42	4.41	3.32
11						4.01	3.65	3.74	3.46	4.35	4.23	3.86
12						3.92	3.60	3.63	3.46	3.87	4.23	4.82
13						3.93	3.55	3.58	3.45	3.64	4.38	4.14
14						3.88	3.53	3.58	3.45	3.50	4.04	3.87
15						3.89	3.49	3.59	3.45	4.37	3.89	3.63
16						3.86	3.48	3.55	3.81	4.46	5.90	3.49
17						3.83	4.43	3.54	4.15	3.89	4.56	3.44
18						3.83	4.37	3.54	3.86	3.83	4.31	3.44
19						3.81	3.74	3.68	3.64	3.95	6.38	3.44
20						3.71	3.55	3.65	3.55	3.95	4.66	3.39
21						3.68	5.97	3.52	3.49	3.78	3.98	3.35
22						3.69	7.83	3.49	3.89	3.69	3.68	3.33
23						3.71	5.37	3.53	3.80	3.59	3.49	3.33
24						3.90	4.26	3.53	3.54	3.50	3.40	3.33
25						3.86	4.12	3.60	3.61	3.47	3.36	3.33
26						3.75	3.89	3.83	3.71	3.46	3.33	3.36
27						3.85	3.67	3.91	3.68	3.46	3.33	3.38
28						3.90	3.83	3.69	3.80	3.46	3.34	3.35
29						3.83	3.88	3.54	4.02	3.46	3.34	3.33
30						3.76	3.88	3.49	3.78	3.45	3.33	3.32
31						4.23	---	3.48	---	4.09	3.33	---
MAX						6.28	7.83	3.99	4.15	5.03	6.38	4.82
MIN						3.68	3.48	3.48	3.45	3.45	3.33	3.25

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA

LOCATION.--Lat 30°27'50", long 90°59'25", in lot 2, T. 7 S., R. 2 E., St. Helena meridian, East Baton Rouge-Livingston Parish line, Hydrologic Unit 08070202, on downstream side of bridge on U.S. Highway 190, 1,000 ft (300 m) downstream from Comite River, 2.3 mi (3.7 km) southwest of town of Denham Springs, and 15 mi (24 km) east of Baton Rouge.

DRAINAGE AREA.--1,280 mi^2 (3,315 km^2).

PERIOD OF RECORD.--September 1938 to current year.

REVISED RECORDS.--WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Sept. 1, 1938, to Aug. 8, 1939, non-recording gage at same site. Prior to Oct. 1, 1977, at datum 3.87 ft (1.180 m) higher. Water-stage recorder for Amite River at 4-H Camp, near Denham Springs (station 07378510) used as auxiliary gage for this station.

REMARKS.--Records good. Since 1957, considerable flow from 46 mi^2 (119 km^2) diverted from basin. Records of dissolved oxygen and water temperatures for the water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--44 years, 1,966 ft^3/s (55.68 m^3/s), 20.86 in/yr (530 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 110,000 ft^3/s (3,120 m^3/s) Apr. 23, 1977, gage height, 41.08 ft (12.521 m), present datum; minimum daily discharge, 271 ft^3/s (7.67 m^3/s) Oct. 17, 18, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 12,000 ft^3/s or 340 m^3/s (revised) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Feb. 18	1015	*23900	677	*28.40	8.656
Apr. 23	1115	14400	408	25.68	7.827

Minimum discharge, 379 ft^3/s (10.7 m^3/s) Sept. 30, gage height, 10.36 ft (3.158 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	472	441	507	2510	942	1530	4340	1140	592	514	1410	646
2	724	446	493	2110	1900	1550	8530	1030	575	516	1590	556
3	501	440	478	1360	5060	1360	9880	1380	583	550	3150	511
4	470	435	466	1090	7350	1240	5900	1310	590	477	1970	483
5	458	431	437	1540	5440	1220	2690	1330	615	450	1650	465
6	456	429	423	951	2730	1460	1910	1100	572	462	1160	456
7	444	425	430	773	1750	4050	1560	1040	540	555	1210	444
8	561	423	427	1680	1420	4320	1360	3530	512	1270	1190	433
9	444	474	425	5290	1270	2710	1250	3000	509	720	947	426
10	457	436	425	3510	1670	1920	1150	1740	493	941	1020	423
11	562	421	424	1560	1950	1570	1090	1200	489	872	1780	484
12	521	419	453	1320	2170	1390	1020	1020	487	708	1500	571
13	547	423	467	2760	2610	1270	963	939	493	626	2360	636
14	480	417	1110	3040	2400	1190	924	879	503	736	2330	684
15	461	419	1600	2700	2580	1120	894	869	491	1000	1730	634
16	450	422	1140	1840	10200	1060	868	819	524	880	2070	644
17	446	416	428	1450	20600	1920	1330	791	637	597	1610	492
18	443	420	594	1240	23300	943	1690	939	569	687	1210	473
19	437	420	519	1090	19000	943	1740	803	557	610	1770	453
20	432	421	574	956	9400	913	1330	734	518	584	2000	435
21	429	425	557	926	3600	831	2850	710	504	647	1380	419
22	424	420	535	873	2580	852	8930	694	492	674	942	408
23	431	430	599	865	2050	927	13100	811	533	783	769	401
24	438	440	1310	839	1770	864	9230	761	639	585	685	396
25	456	430	1770	826	1580	941	4100	721	690	500	620	393
26	531	440	1190	784	1400	940	2420	1180	705	421	595	394
27	444	423	898	748	1390	878	1970	1040	715	440	572	394
28	496	423	760	722	1420	837	1640	815	634	555	540	389
29	471	430	655	737	---	797	1400	681	648	468	523	385
30	651	430	601	703	---	757	1240	635	570	576	527	380
31	446	---	975	750	---	911	---	611	---	975	636	---
TOTAL	14893	12851	22370	47733	140072	42738	97269	34752	16961	20575	41436	14408
MEAN	480	428	722	1540	5003	1379	3243	1121	565	664	1337	480
MAX	724	474	1770	5290	23300	4320	13100	3530	715	1270	3150	684
MIN	424	416	424	703	942	757	868	611	487	421	523	380
CFSM	.38	.33	.56	1.20	3.91	1.08	2.53	.88	.44	.52	1.05	.38
IN.	.43	.37	.65	1.39	4.07	1.24	2.83	1.01	.49	.60	1.20	.42

CAL YR 1981 TOTAL 380285 MEAN 1042 MAX 8670 MIN 416 CFSM .81 IN 11.05
WTR YR 1982 TOTAL 506084 MEAN 1387 MAX 23300 MIN 380 CFSM 1.08 IN 14.71

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.60	10.60	10.79	10.26	11.90	13.46	18.11	12.39	11.02	10.81	12.97	11.15
2	11.37	10.62	10.74	14.66	14.05	13.10	23.26	12.23	11.97	10.77	13.36	10.92
3	10.77	10.60	10.71	12.88	25.26	12.47	24.23	12.91	11.00	10.91	15.46	10.80
4	10.60	10.58	10.61	12.29	22.36	12.61	20.44	13.45	11.01	10.71	14.17	10.72
5	10.56	10.56	10.59	12.13	20.16	12.57	15.60	12.92	11.08	10.63	13.50	10.67
6	10.62	10.56	10.56	11.68	15.75	13.48	14.05	12.29	10.97	10.86	12.41	10.65
7	10.61	10.54	10.56	11.49	13.75	14.06	13.31	12.16	10.85	10.59	12.54	10.61
8	10.60	10.54	10.56	13.01	13.01	18.44	12.60	17.13	10.80	12.01	12.49	10.57
9	10.61	10.71	10.54	13.43	12.08	15.51	12.64	16.19	10.77	11.35	11.92	10.54
10	10.60	10.55	10.54	14.96	13.55	14.96	12.40	13.54	10.75	11.70	12.30	10.53
11	11.16	10.52	10.55	13.32	14.16	13.36	12.25	12.32	10.74	11.73	13.76	10.71
12	11.10	10.52	10.61	12.70	14.57	12.36	12.10	12.09	10.73	11.42	13.17	11.23
13	10.87	10.52	10.58	15.72	15.44	12.50	11.96	11.80	10.75	11.11	14.24	11.14
14	10.71	10.51	12.25	17.72	14.46	12.51	11.87	11.75	10.78	11.39	14.91	11.26
15	10.68	10.52	13.41	13.52	15.30	12.36	11.74	11.60	10.74	12.02	13.64	11.13
16	10.54	10.54	12.36	13.00	23.04	12.20	11.73	11.61	10.83	11.74	14.37	11.15
17	10.62	10.61	11.64	13.06	21.21	12.10	12.74	11.59	11.14	11.03	13.41	10.75
18	20.30	10.53	11.20	12.00	20.40	12.31	13.60	11.82	10.86	11.27	12.54	10.63
19	27.61	10.52	11.09	12.26	27.51	11.41	13.89	11.36	10.92	11.63	13.76	10.56
20	24.34	10.54	10.98	12.04	24.96	11.36	12.82	11.39	10.82	11.00	14.23	10.54
21	14.33	---	13.02	11.37	15.35	11.76	15.80	11.33	10.74	11.15	12.42	10.52
22	11.54	---	13.47	11.74	15.80	11.44	21.40	11.23	10.75	11.24	11.91	10.47
23	10.87	---	11.90	11.67	14.47	11.63	25.44	11.59	10.85	11.51	11.64	10.45
24	10.59	---	12.70	11.36	13.77	11.56	23.65	11.46	11.16	11.00	11.27	10.43
25	10.65	---	13.75	11.02	13.47	11.36	18.44	11.35	11.26	10.77	11.10	10.42
26	11.95	---	12.69	11.52	13.10	12.30	13.14	12.47	11.31	---	11.03	10.42
27	13.76	---	11.80	11.43	12.45	11.75	14.17	12.14	11.36	---	10.97	10.42
28	10.77	---	11.61	11.46	13.02	11.55	13.40	11.57	11.13	10.92	10.99	10.40
29	10.65	---	11.14	11.32	---	11.53	12.97	11.25	11.17	10.67	10.83	10.39
30	10.56	10.56	11.04	11.41	---	11.46	12.60	11.13	10.96	10.97	10.86	10.37
31	10.52	---	11.06	11.43	---	11.42	---	11.07	---	11.05	11.13	---
MAX	[illegible]	10.71	13.75	17.53	25.30	18.46	25.44	17.13	11.36	12.61	15.46	11.26
MIN	[illegible]	---	10.54	11.41	11.40	11.40	11.73	11.07	10.73	10.63	10.83	10.37

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°26'30", long 90°58'20", in lot 41, T. 7 S., R. 2 E., St. Helena meridian, Livingston Parish, Hydrologic Unit 08070202, on left bank, 3.0 mi (4.8 km) downstream from gaging station Amite River near Denham Springs (station 07378500), 3.0 mi (4.8 km) southwest of town of Denham Springs, and 3.2 mi (5.1 km) downstream from Comite River.

DRAINAGE AREA.--1,290 mi² (3,340 km²), approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1973 to September 1975, February 1977 to current year (elevations only). Unpublished records, October 1945 to September 1973, available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Dec. 23, 1952, nonrecording gage at same site. Prior to Oct. 1, 1977, at datum 3.12 ft (0.951 m) higher.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 38.21 ft (11.646 m), present datum, Apr. 23, 1977; minimum, 6.02 ft (1.835 m), present datum, Nov. 4-6, 1978.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since October 1945, 38.21 ft (11.646 m) Apr. 23, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 26.33 ft (8.025 m) Feb. 18; minimum, 6.20 ft (1.890 m) Nov. 21, but may have been less during the period of no gage-height record, Sept. 14-30.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.36	6.33	6.53	11.14	7.72	10.02	13.33	8.40	6.86	6.66	9.11	7.00
2	7.18	6.34	6.53	10.91	9.86	9.93	18.96	8.22	6.81	6.61	9.76	6.73
3	6.52	6.34	6.46	9.24	15.90	9.47	20.81	8.80	6.86	6.76	12.61	6.58
4	6.39	6.31	6.44	8.31	18.53	9.17	18.28	10.04	6.86	6.55	10.34	6.48
5	6.34	6.29	6.33	8.19	17.25	9.09	12.66	8.94	6.92	6.44	9.56	6.42
6	6.30	6.28	6.29	7.67	12.76	10.22	10.36	8.32	6.77	6.48	8.39	6.39
7	6.29	6.26	6.28	7.36	10.17	14.63	9.47	8.11	6.68	6.61	8.60	6.35
8	6.28	6.26	6.27	8.83	9.28	15.47	9.97	13.24	6.62	8.82	8.53	6.31
9	6.28	6.45	6.27	15.77	8.85	12.75	8.68	12.56	6.58	7.20	7.88	6.29
10	6.36	6.32	6.26	14.11	9.66	10.87	8.40	9.85	6.54	7.88	8.11	6.28
11	6.88	6.24	6.26	9.80	10.36	9.95	8.24	8.56	6.53	7.76	10.00	6.83
12	6.87	6.23	6.35	8.98	10.83	---	8.06	8.07	6.51	7.28	9.34	7.00
13	6.65	7.05	6.43	11.83	11.77	---	7.90	7.85	6.51	7.09	11.36	7.05
14	6.45	6.23	8.03	14.13	11.25	---	7.78	7.69	6.57	7.21	11.10	---
15	6.38	6.23	9.59	12.29	11.40	---	7.69	7.60	6.53	7.84	9.73	---
16	6.33	6.25	8.52	10.35	19.47	8.21	7.62	7.51	6.58	7.91	10.70	---
17	6.31	6.22	7.60	9.39	24.39	8.08	8.67	7.43	7.00	6.92	9.40	---
18	6.30	6.23	7.17	8.83	26.19	7.97	9.73	7.75	6.78	7.15	8.69	---
19	6.29	6.24	6.91	8.40	25.77	7.86	9.81	7.45	6.76	7.60	10.09	---
20	6.27	6.24	6.77	8.11	23.28	7.78	8.94	7.26	6.65	6.92	10.41	---
21	6.25	6.21	6.69	7.90	18.18	7.70	11.31	7.18	6.60	7.00	8.95	---
22	6.23	6.21	6.68	7.73	12.79	7.62	19.00	7.14	6.53	7.12	7.83	---
23	6.24	6.24	7.17	7.63	11.16	7.54	21.97	7.51	6.63	7.47	7.34	---
24	6.28	6.28	8.52	7.61	10.47	7.58	21.02	7.31	7.00	6.96	7.09	---
25	6.33	6.30	10.11	7.58	10.03	7.56	16.26	7.41	7.05	6.68	6.90	---
26	6.60	6.30	8.62	7.47	9.72	7.89	11.71	8.55	7.30	6.64	6.82	---
27	6.51	6.31	7.79	7.36	9.55	7.71	10.44	7.99	7.22	6.53	6.75	---
28	6.51	6.28	7.32	7.28	9.55	7.58	9.67	7.42	7.03	6.66	6.66	---
29	6.44	6.25	7.02	7.23	---	7.46	9.08	7.11	7.08	6.53	6.60	---
30	6.36	6.29	6.82	7.21	---	7.39	8.65	6.99	6.85	6.86	6.60	---
31	6.34	---	7.73	7.35	---	7.68	---	6.92	---	8.30	6.89	---
MAX	7.18	7.05	10.11	15.77	26.19	15.47	21.97	13.24	7.30	8.82	12.61	---
MIN	6.23	6.21	6.26	7.21	7.72	7.39	7.62	6.92	6.51	6.44	6.60	---

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1952-53, 1973 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1973 to April 1979, March 1981 to September 1981 (discontinued).
WATER TEMPERATURES: March 1973 to April 1979, March 1981 to September 1981 (discontinued).

INSTRUMENTATION.--Water-quality monitor March 1973 to April 1980 (discontinued).

REMARKS.--Lower limit of specific conductance sensor is 28 micromhos. Probes are 3.0 ft (0.9 m) above bottom of river. Flow data are available for Amite River near Denham Springs (station 07378500), 3.0 mi (4.8 km) upstream.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 184 micromhos May 5, 1978; minimum, 28 micromhos or lower on several days during spring of each year.
WATER TEMPERATURES: Maximum, 34.5°C June 25, 26, 1978; minimum, 7.0°C Jan. 3, 19, 20, Feb. 1, 1977.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 16...	0930	450	52	6.6	23.5	20	12	8.2	.9	K400
DEC 09...	0915	427	59	6.4	14.0	20	12	10.4	3.3	160
FEB 11...	1215	2020	51	6.4	13.0	30	45	10.6	2.9	2300
APR 14...	1130	926	58	6.1	21.0	20	14	8.3	.8	100
JUN 04...	1300	585	63	6.3	30.0	20	7.9	7.7	1.6	2800
AUG 16...	1330	2250	51	6.1	27.5	100	80	6.2	2.1	K7100

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT 16...	720	11	2.4	1.1	7.0	1.7	14	1.1	6.7	<.1
DEC 09...	--	12	3.1	1.1	7.3	1.5	14	1.9	7.6	<.1
FEB 11...	3400	10	2.2	1.0	3.9	2.1	10	3.0	5.6	<.1
APR 14...	10000	12	2.8	1.3	5.8	1.3	14	4.0	6.2	<.1
JUN 04...	1600	12	3.0	1.1	7.1	1.4	15	2.0	7.0	<.1
AUG 16...	12000	12	3.2	1.0	4.4	2.6	11	4.0	4.4	<.1

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT 16...	14	44	42	.19	.07	.25	.09	.06	.06
DEC 09...	12	44	43	.07	.07	.24	-	-	.04
FEB 11...	10	50	34	.32	.13	.75	.10	.04	.03
APR 14...	13	46	42	.21	.05	.23	.07	.03	.03
JUN 04...	12	44	43	.11	.08	.60	.05	.02	<.01
AUG 16...	7.6	54	34	.37	.15	1.2	.27	.13	.11

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA)	BARIUM, DISSOLVED (UG/L AS BA)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	COBALT, DISSOLVED (UG/L AS CO)
OCT										
16...	3	1	100	20	<1	2	10	20	<1	<1
DEC										
09...	--	1	100	17	<1	1	20	10	<1	<1
APR										
14...	1	1	<100	45	<1	<1	20	10	<1	<1
JUN										
04...	1	<1	<100	51	<1	<1	10	<10	2	<1

DATE	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)
OCT									
16...	6	1	1200	360	2	<1	140	61	<.1
DEC									
09...	10	10	1400	330	<1	<1	100	64	--
APR									
14...	3	4	1200	380	6	6	460	400	<.1
JUN									
04...	6	4	980	100	4	1	190	130	.1

DATE	MERCURY DISSOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, TOTAL RECOVERABLE (UG/L AS AG)	SILVER, DISSOLVED (UG/L AS AG)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)
OCT									
16...	<.1	4	2	<1	<1	<1	<1	140	4
DEC									
09...	<.1	1	1	--	<1	<1	<1	--	160
APR									
14...	<.1	4	3	<1	<1	<1	<1	20	17
JUN									
04...	.1	7	3	<1	<1	<1	<1	10	14

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
16...	32	39	83
DEC			
09...	28	32	100
FEB			
11...	147	802	80
APR			
14...	48	120	100
JUN			
04...	52	82	71
AUG			
16...	146	887	95

< Actual value is known to be less than the value shown.

07380108 BAYOU MANCHAC AT MOUTH, NEAR PORT VINCENT, LA

LOCATION.--Lat 30°20'43", long 90°53'35", in lot 18, T.8 S., R.3 E., Ascension Parish, Hydrologic Unit 08070202, on right bank 100 ft (30 m) upstream from mouth, 2.6 mi (4.2 km) northwest of Port Vincent, and 5.0 mi (8.0 km) downstream from Clay Cut Bayou.

DRAINAGE AREA.--153 mi^2 (396 km^2).

PERIOD OF RECORD.--Annual maximum elevation, water years 1972-74, October 1974 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to October 1974 at datum 1.00 ft (0.305 m) higher.

REMARKS.--No elevations recorded below 1.25 ft (0.381 m). Elevations affected by tide below about 3.0 ft (0.91 m).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 17.38 ft (5.297 m) Apr. 23, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.79 ft (2.070 m) Feb. 19.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.71	2.22	1.30	1.63	1.30	1.31	2.24	1.67	1.56	1.30	1.30	1.57
2	1.36	2.20	1.30	1.41	1.95	1.30	2.61	---	1.31	1.30	1.30	1.46
3	1.30	2.11	1.29	1.57	3.01	1.40	2.98	---	1.62	1.30	1.32	1.35
4	1.33	1.93	1.29	1.30	3.06	1.30	3.12	---	1.33	1.30	1.31	1.51
5	1.30	1.75	1.29	1.29	3.09	1.30	2.56	---	1.31	1.30	1.31	1.69
6	1.30	1.51	1.28	1.29	2.23	1.58	1.53	---	1.39	1.29	1.31	1.78
7	1.30	1.30	1.28	1.29	1.41	1.43	1.56	1.76	1.35	1.29	1.65	1.90
8	1.30	1.30	1.28	1.29	1.30	1.53	2.04	1.59	1.32	1.29	1.72	2.20
9	1.52	1.55	1.28	1.29	1.30	1.46	1.63	1.80	1.31	1.29	1.63	2.45
10	1.30	1.30	1.28	1.43	1.30	1.31	1.55	1.50	1.31	1.29	1.50	2.46
11	1.30	1.30	1.27	1.30	1.30	1.31	1.65	1.55	1.31	1.29	1.31	2.33
12	1.41	1.29	1.30	1.29	1.30	1.31	1.31	1.69	1.31	1.28	1.31	2.28
13	2.09	1.30	1.30	1.50	1.30	1.30	1.31	1.96	1.30	1.28	1.31	2.03
14	2.54	1.43	1.51	1.58	1.29	1.30	1.30	2.25	1.30	1.28	1.31	1.86
15	2.46	1.40	1.30	1.29	1.36	1.30	1.30	2.31	1.30	1.28	1.31	1.74
16	1.91	1.30	1.30	1.28	3.14	1.30	1.30	2.12	1.30	1.31	1.32	1.48
17	1.39	1.30	1.29	1.27	3.69	1.41	1.50	1.92	1.30	1.31	1.48	1.43
18	1.30	1.30	1.29	1.27	5.29	1.36	1.43	1.84	1.32	1.39	1.57	1.54
19	1.29	1.30	1.29	1.26	6.71	1.30	1.57	1.39	1.48	1.31	1.99	1.47
20	1.29	1.30	1.28	1.26	6.65	1.30	1.31	1.31	1.36	1.31	2.14	1.66
21	1.30	1.29	1.28	1.25	5.10	1.30	1.55	1.31	1.32	1.32	1.96	1.64
22	1.30	1.29	1.28	1.25	2.08	1.35	3.62	1.31	1.48	1.32	1.35	1.36
23	1.34	1.29	1.29	1.25	1.31	1.79	3.99	1.31	1.45	1.31	1.31	1.46
24	1.53	1.36	1.29	1.25	1.31	1.88	4.41	1.32	1.61	1.31	1.26	1.46
25	1.93	1.30	1.52		1.31	1.69	4.24	1.51	1.50	1.31	1.26	1.26
26	2.26	1.48	1.30		1.30	1.52	2.80	1.62	1.39	1.31	1.26	1.26
27	1.59	1.31	1.30		1.67	1.73	2.23	1.60	1.31	1.31	1.26	1.26
28	1.63	1.34	1.30		1.42	2.20	2.01	1.52	1.31	1.31	1.26	1.29
29	1.30	1.39	1.30	1.29	---	2.50	1.69	1.52	1.31	1.31	1.26	1.57
30	1.30	1.43	1.30	1.51	---	2.65	1.62	1.53	1.31	1.31	1.26	1.99
31	1.88	---	1.77	1.69	---	2.44	---	1.86	---	1.30	1.33	---
MAX	2.54	2.22	1.77	1.69	6.71	2.65	4.41	2.31	1.62	1.39	2.14	2.46
MIN	1.29	1.29	1.27	---	1.29	1.30	1.30	1.31	1.30	1.28	1.26	1.26

NOTE.--Elevation was below lowest recordable elevation of 1.25 ft, Jan. 25-28.

07380228 NEW RIVER AT ACY, LA

LOCATION.--Lat 30°13'07", long 90°49'15", at center E1/2 sec. 32, T. 9 S., R. 4 E., Ascension Parish, Hydrologic Unit 08070204, near left bank on downstream side of bridge on State Highway 22, at Acy, and 2.4 mi (3.9 km) upstream from Bayou Francois.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--March 1976 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 3.91 ft (1.192 m) National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works).

REMARKS.--Gage height affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.99 ft (2.740 m) Apr. 24, 1979; minimum, 2.57 ft (0.783 m) Feb. 24, 1978.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.46 ft (1.969 m) Apr. 22; minimum, 3.54 ft (1.079 m) Aug. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.45	5.87	4.92	5.36	4.82	4.84	5.96	5.50	5.33	3.78	3.96	5.35
2	5.08	5.99	4.61	4.86	5.72	4.66	5.71	5.42	5.01	3.80	4.36	5.25
3	5.01	5.90	4.29	5.18	6.38	4.74	5.53	5.16	5.40	4.03	5.01	5.13
4	5.18	5.76	4.16	4.68	6.04	4.85	5.20	4.75	5.10	4.01	4.58	5.28
5	5.06	5.57	3.94	4.48	5.70	5.03	5.63	4.57	4.76	3.98	4.81	5.45
6	4.89	5.33	4.22	4.91	5.39	5.28	5.16	4.86	5.14	4.23	4.88	5.54
7	4.66	4.86	4.56	4.85	4.88	4.63	5.23	5.50	5.13	4.36	5.38	5.64
8	4.87	4.81	4.85	4.66	4.85	4.65	5.73	5.17	5.03	4.69	5.47	5.91
9	5.32	5.30	4.78	4.45	4.81	4.79	5.36	5.19	5.02	4.73	5.41	6.14
10	5.03	5.08	4.84	4.44	4.52	4.75	5.29	5.12	4.78	4.79	5.25	6.23
11	4.72	4.94	4.75	3.99	4.46	4.79	5.40	5.28	4.48	4.84	4.89	6.11
12	5.18	4.91	4.97	4.07	4.66	4.61	4.95	5.43	4.58	4.69	4.77	6.04
13	5.74	4.79	5.00	5.14	4.59	4.72	4.79	5.67	4.52	4.87	4.62	5.82
14	6.03	5.15	5.32	5.02	4.61	4.87	4.66	5.90	4.52	4.72	4.48	5.66
15	6.15	5.13	4.92	4.07	5.03	4.89	4.68	6.01	4.82	4.80	4.56	5.53
16	5.74	4.91	4.53	4.00	6.14	5.03	4.99	5.85	4.93	4.94	4.81	5.26
17	5.19	4.77	4.58	4.02	5.74	5.15	5.25	5.66	4.74	5.00	5.14	5.20
18	4.75	4.72	4.23	4.63	5.30	5.11	5.10	5.56	5.08	5.21	5.33	5.33
19	4.41	4.88	3.86	4.73	5.33	4.93	5.25	5.11	5.28	5.03	5.56	5.25
20	4.56	4.54	4.17	4.72	5.23	4.81	4.94	4.94	5.16	4.93	5.75	5.37
21	4.81	4.36	4.89	4.68	5.01	4.77	5.30	4.72	5.07	5.16	5.67	5.37
22	5.00	4.61	4.98	4.67	4.65	5.11	6.34	4.69	5.25	5.07	5.09	5.13
23	5.17	5.00	4.93	4.68	4.54	5.78	6.34	4.89	5.23	4.88	4.60	5.21
24	5.30	5.10	4.87	4.54	4.49	5.65	6.00	5.07	5.37	4.45	4.18	5.25
25	5.68	4.91	5.02	4.57	4.49	5.44	6.21	5.26	5.26	4.63	3.87	4.93
26	5.93	5.10	4.93	4.41	4.94	5.29	6.12	5.34	5.12	4.73	3.54	4.87
27	5.45	5.04	4.85	4.64	5.40	5.46	5.83	5.34	4.73	4.49	3.76	4.93
28	5.16	5.05	4.88	4.89	5.05	5.89	5.67	5.28	4.22	4.17	3.80	5.07
29	4.84	5.11	4.98	4.91	---	6.13	5.39	5.28	4.01	3.84	4.04	5.37
30	5.01	5.14	5.01	5.23	---	6.27	5.43	5.29	3.74	4.09	4.40	5.75
31	5.59	---	5.53	5.42	---	6.15	---	5.60	---	4.12	5.09	---
MAX	6.15	5.99	5.53	5.42	6.38	6.27	6.34	6.01	5.40	5.21	5.75	6.23
MIN	4.41	4.36	3.86	3.99	4.46	4.61	4.66	4.57	3.74	3.78	3.54	4.87

07380230 PASS MANCHAC AT MANCHAC, LA (CE 85420)

LOCATION.--Lat 30°16'53", long 90°24'01", T.9 S., R.8 E., St. John the Baptist-Tangipahoa Parish line, Hydrologic Unit 08070204, at bridge on U.S. Highway 51, 10 mi (16.1 km) south of Ponchatoula, 0.4 mi (0.6 km) north of Galva, and 0.2 mi (0.3 km) south of Manchac.

DRAINAGE AREA.--3,204 mi2 (8,298 km2).

PERIOD OF RECORD.--Water years 1957, 1963, 1975 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to current year.
CHLORIDE: October 1974 to current year.

COOPERATION.--Samples collected by the Corps of Engineers since October 1974 and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 30.0°C Aug. 1, 1977, July 19, 1978, Aug. 15, 1981, June 12, Aug. 26-29, Sept. 2, 3, 1982; minimum daily, 4.0°C Feb. 9, 10, 1978, Jan. 15, 1979, Jan. 1, 1981.
CHLORIDE: Maximum daily, 8,400 mg/L Apr. 19, 1977; minimum daily, 10 mg/L June 7, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 30.0°C June 12, Aug. 26-29, Sept. 2, 3; minimum daily, 6.0°C Jan. 12, 14, 17.
CHLORIDE: Maximum daily, 4,100 mg/L Jan. 29; minimum daily, 290 mg/L Feb. 24.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.5	20.0	19.5	13.5	11.0	14.0	18.0	23.5	29.0	27.0	28.5	29.5
2	26.0	20.0	16.0	13.5	12.0	13.5	19.5	22.0	28.0	29.0	28.0	30.0
3	23.5	25.5	16.5	13.5	12.0	15.0	20.0	23.0	28.0	29.5	28.0	30.0
4	24.5	20.5	16.5	15.0	11.0	16.0	18.5	23.0	28.5	29.5	29.0	27.0
5	24.5	21.0	13.5	12.0	11.0	17.0	19.5	23.5	28.5	29.5	28.5	27.0
6	25.0	20.0	14.0	15.0	10.5	17.0	18.0	24.5	28.0	29.5	28.5	28.0
7	25.5	18.5	15.0	16.5	9.0	13.0	16.5	23.0	28.5	29.5	28.0	29.5
8	24.5	18.5	15.5	12.0	9.5	12.0	19.0	23.0	28.5	29.5	28.5	29.5
9	24.0	18.5	15.5	10.5	12.0	14.0	19.0	23.0	29.5	29.5	28.0	26.5
10	26.0	18.5	17.0	10.5	9.0	15.0	18.0	23.0	29.5	29.0	28.0	26.5
11	25.5	17.0	13.5	10.5	11.5	16.0	16.0	24.5	29.5	29.0	28.0	26.5
12	25.0	16.5	14.0	6.0	13.0	17.0	18.5	24.0	30.0	29.0	27.0	27.0
13	24.0	18.0	14.0	6.5	11.0	18.5	17.0	24.0	29.5	29.5	27.0	28.0
14	23.0	18.0	14.5	6.0	10.5	18.5	20.0	24.5	28.5	29.5	27.0	29.5
15	23.0	16.5	12.0	6.5	11.0	19.5	20.5	24.5	29.0	28.5	28.0	29.5
16	24.0	18.0	11.5	8.5	13.5	20.5	21.5	24.5	29.0	28.5	29.0	28.0
17	24.5	18.0	14.0	6.0	14.0	21.0	21.0	24.5	28.0	29.0	27.0	28.0
18	24.0	18.5	11.0	7.0	14.5	21.5	21.5	24.5	28.0	29.0	28.5	27.0
19	20.0	19.5	6.5	9.5	14.5	22.0	22.0	25.0	28.0	28.5	29.0	27.0
20	18.0	16.0	7.0	10.5	16.0	21.5	22.0	25.0	28.5	28.0	28.5	28.0
21	24.0	18.5	13.5	12.0	16.0	23.5	21.5	25.0	29.5	28.0	28.5	26.5
22	25.5	15.5	13.0	13.5	16.0	23.5	18.5	25.5	29.0	28.5	28.5	24.0
23	20.0	16.0	13.5	14.0	17.0	20.0	18.5	28.0	29.0	29.0	28.0	23.0
24	18.0	16.5	10.5	11.5	18.0	21.0	20.0	27.0	28.5	29.0	29.5	23.5
25	18.5	16.5	10.5	11.5	18.0	23.0	19.5	27.0	28.5	29.0	29.5	24.5
26	18.5	19.0	11.0	11.0	16.5	18.5	20.0	26.5	28.0	29.5	30.0	22.0
27	18.0	18.5	12.0	11.0	14.0	17.0	21.0	28.0	28.0	29.5	30.0	22.0
28	16.5	18.0	13.5	11.5	14.5	15.0	21.0	28.5	27.0	29.0	30.0	23.5
29	18.0	19.5	13.5	11.5	---	15.0	22.0	28.5	26.5	29.0	30.0	23.5
30	18.5	19.5	11.0	11.5	---	16.5	22.0	29.0	29.0	29.0	29.5	23.5
31	19.5	---	11.5	14.0	---	18.5	---	29.0	---	28.5	29.5	---

07380230 PASS MANCHAC AT MANCHAC, LA (CE 85420)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1900	2800	1700	1500	2100	580	1400	890	910	880	1000	1400
2	1300	2100	1700	1800	2500	---	1400	760	1100	780	1200	2000
3	1100	2000	1900	1600	2000	1400	1100	900	1000	1300	1000	1300
4	1400	1900	2300	1600	1700	1900	1400	800	1200	1100	840	1300
5	1200	1800	1700	1600	1400	2000	1200	760	1000	1500	1100	1800
6	1200	1900	---	2100	1300	2200	1100	850	1200	1500	890	2000
7	1100	1700	---	2000	1100	880	1600	1500	1000	1500	1400	2100
8	1200	1800	---	1500	1100	1000	1200	1200	1200	1700	1300	2500
9	1600	2400	2200	1500	1200	910	980	1000	1400	1600	1000	2600
10	1200	1700	2200	1400	1000	780	1000	1000	1000	1700	860	2600
11	1000	2000	2300	1300	800	850	1000	1000	840	1500	900	1800
12	1400	2000	---	2800	1000	600	1000	1100	1600	1300	790	1900
13	2500	1800	2000	2600	760	440	1100	1500	1300	1800	840	1500
14	3000	2500	2000	1500	860	720	1100	1300	1400	1200	720	1400
15	1600	2100	1700	1600	460	880	1300	1200	3100	1200	640	1400
16	1200	1900	1600	1400	1000	1700	1600	960	2200	1100	700	1200
17	1300	1700	1600	1400	720	1800	1700	840	1300	1000	760	1100
18	1300	1800	1600	2600	630	1200	1200	750	1600	1100	980	1200
19	1400	1400	1600	2100	500	790	1400	660	1600	1300	1300	1100
20	1700	1900	1800	2400	490	1200	1200	820	1000	1200	1600	1400
21	1700	1800	2900	1800	320	1800	1200	820	1200	1200	1400	1300
22	1700	2100	2900	2000	400	1900	840	910	1200	1400	800	1300
23	1500	2300	2000	1600	350	2700	870	900	1200	1100	780	1300
24	1900	2300	1700	1200	290	2200	860	1100	1200	940	780	1100
25	2900	1900	2000	1400	340	1000	1600	1100	1000	1100	710	1200
26	2700	2400	1700	1200	1900	960	1100	1200	980	1000	680	1100
27	2200	2000	1600	1800	2600	1000	860	1300	850	920	760	1100
28	2100	1800	1500	2500	640	2600	800	1200	860	900	780	1200
29	2000	1800	1600	4100	---	3000	740	1300	780	900	760	1500
30	1900	2000	1500	2600	---	2900	960	1400	760	1100	1400	1400
31	2500	---	2800	2500	---	1900	---	1800	---	1100	1900	---

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA (CE 85403)

LOCATION.--Lat 30°17'30", long 90°18'00", T.9 S., R.9 E., St. John the Baptist Parish, Hydrologic Unit 08090202, 6.1 mi (9.8 km) east of Manchac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (FTU)	SETTLEABLE MATTER (ML/L/HR)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 26...	1315	8940	6.8	19.0	5	10	<1.0	9.0	83	1.0	--	K40
JAN 21...	0940	8500	7.4	9.5	10	3.0	<1.0	12.9	130	2.4	K50	K10
APR 14...	1415	3700	6.7	20.5	30	10	<1.0	8.7	50	2.4	K40	K10
JUL 22...	1315	3990	7.0	31.0	20	4.0	<1.0	7.1	120	.7	K56	K26

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)
OCT 26...	970	59	200	1600	52	42	400	2800	15	<.01	.04	.69
JAN 21...	970	90	180	1400	49	35	360	2700	8	<.01	.13	.52
APR 14...	380	30	75	590	21	21	160	1100	16	<.01	<.10	.69
JUL 22...	410	32	81	590	25	27	150	1100	7	<.01	<.10	1.5

DATE	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)
OCT 26...	.06	1	1	<10	<10	1	1	10	<1	10	4	80
JAN 21...	.03	1	0	<10	<10	<1	<1	10	<1	5	3	50
APR 14...	.05	1	1	<10	<10	2	1	10	<1	9	13	50
JUL 22...	.06	1	1	<10	<10	2	1	10	<1	18	8	10

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA (CE 85403)--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 26...	3	1	.1	.1	5	<1	<1	<1	60	20	5.0
JAN 21...	5	4	.1	.1	6	4	<1	<1	40	10	4.6
APR 14...	6	6	.5	.1	3	3	<1	<1	40	30	7.7
JUL 22...	8	4	.1	<.1	6	3	<1	<1	50	20	5.7

DATE	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)
OCT 26...	<.01	<1	1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01
JAN 21...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.01
APR 14...	<.01	3	<1	--	--	<.001	--	--	--	--	--
JUL 22...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01

DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
OCT 26...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN 21...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR 14...	--	--	--	--	--	--	--	--	--	--	--
JUL 22...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)
OCT 26...	<.01	<.01	<.01	<.1	<.01	.03	<.01	<.01	<.01	2.08	<.100
JAN 21...	<.01	<.01	<.01	<.1	<.01	.04	<.01	<.01	<.01	8.88	<.100
APR 14...	--	--	--	--	--	.01	<.01	<.01	<.01	7.39	<.100
JUL 22...	<.01	<.01	<.10	< 1	<.01	.03	<.01	<.01	<.01	8.40	<.100

< Actual value is known to be less than the value shown.

300024089560500 INTRACOASTAL WATERWAY AT NOPSI PLANT NEAR PARIS ROAD, AT NEW ORLEANS, LA (CE 76042)

LOCATION.--Lat 30°00'24", long 89°56'05", T.12 S., R.13 E., Orleans Parish, Hydrologic Unit 08090203, at New Orleans.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT												
23...	0945	20000	7.4	22.0	10	10	<1.0	7.4	1200	1.6	--	--
JAN												
22...	1000	16200	7.6	15.5	10	5.0	<1.0	11.8	190	2.8	150	120
APR												
14...	1130	9950	7.4	21.5	10	10	<1.0	9.8	240	2.5	K400	K140
JUL												
22...	0935	19700	7.4	29.5	5	3.0	<1.0	5.2	93	1.1	K120	K30

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
OCT												
23...	2200	140	460	3800	150	79	950	7000	21	.14	.09	.23
JAN												
22...	1900	120	380	3200	100	103	760	5500	34	.05	.02	.07
APR												
14...	1100	70	230	1600	59	51	440	3000	21	.24	.01	.25
JUL												
22...	2200	150	450	3900	140	75	890	6900	6	.23	.14	.37

DATE	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)
OCT												
23...	.33	.11	1	1	<10	<10	<1	1	20	<1	8	3
JAN												
22...	--	.13	1	<1	<10	10	<1	<1	20	<1	13	6
APR												
14...	.54	.07	1	1	<10	<10	<1	<1	20	<1	5	5
JUL												
22...	.60	.10	1	1	10	<10	1	1	30	<1	10	5

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

300024089560500 INTRACOASTAL WATERWAY AT NOPSI PLANT NEAR PARIS ROAD, AT NEW ORLEANS, LA (CE 76042)--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 23...	130	4	1	<.1	<.1	3	<1	<1	<1	80	30	4.9
JAN 22...	40	5	2	<.1	<.1	3	3	<1	<1	60	20	--
APR 14...	60	5	3	.2	.2	4	2	<1	<1	30	10	5.2
JUL 22...	60	8	3	.2	.1	5	3	<1	<1	60	20	6.2

DATE	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)
OCT 23...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.01
JAN 22...	<.01	<1	1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.01
APR 14...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.01
JUL 22...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.05

DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
OCT 23...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN 22...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR 14...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL 22...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)
OCT 23...	<.01	<.01	<.01	<.1	<.01	.09	<.01	<.01	<.01	2.28	<.100
JAN 22...	<.01	<.01	<.01	<.1	<.01	.02	<.01	<.01	<.01	1.44	<.100
APR 14...	<.01	<.01	<.10	<1	<.01	.01	<.01	<.01	<.01	3.94	<.100
JUL 22...	<.01	<.01	<.10	<1	<.01	.03	<.01	<.01	<.01	--	--

< Actual value is known to be less than the value shown.

295019089411500 BAYOU LALOUTRE AT ALLUVIAL CITY, AT YSCLOSKEY, LA (CE 85775)

LOCATION.--Lat 29°50'19", long 89°41'15", T.14 S., R.15 E., St. Bernard Parish, Hydrologic Unit 08090203, 0.2 mi (0.3 km) south of Yscloskey.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1979, November 1980 to current year.
CHLORIDE: October 1974 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.0°C July 20, 1977; minimum daily, 0.5°C Jan. 2, 5, 14, 16, 17, 1981.
CHLORIDE: Maximum daily, 16,000 mg/L June 29, 30, July 1-4, 7-9, 12, 1977, Sept. 6, 1981; minimum daily, 200 mg/L May 7, 9, 11, 13, 1979.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 29.0°C Aug. 10, 12, 13, 16; minimum daily, 6.0°C Jan. 14.
CHLORIDE: Maximum daily, 12,000 mg/L Nov. 14, July 6-12, 29-31, Aug. 1-5, 7, 9; minimum daily, 3,500 mg/L Mar. 12.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.0	20.0	16.5	14.5	15.5	15.5	19.5	22.0	26.5	28.0	28.5	28.0
2	25.0	19.5	16.0	14.5	13.0	11.0	20.0	19.5	27.0	28.0	27.0	28.0
3	25.0	20.0	19.0	14.0	13.5	15.0	19.5	20.0	28.0	27.0	27.0	28.5
4	25.0	20.5	15.5	14.0	13.0	15.5	21.0	19.5	27.0	27.0	27.0	28.5
5	24.0	19.5	15.5	13.5	12.0	15.5	21.0	25.0	26.5	28.5	28.5	27.0
6	25.0	19.0	---	13.0	11.0	14.5	20.0	24.5	27.0	28.5	28.5	27.0
7	25.0	19.0	---	13.0	12.0	14.0	19.0	24.5	28.0	28.0	28.5	26.5
8	25.0	19.5	---	12.0	11.5	13.5	19.5	25.5	28.5	27.0	28.5	27.0
9	25.0	19.5	---	11.5	11.0	---	21.0	25.5	28.5	27.0	28.0	27.0
10	25.0	20.0	---	10.0	12.0	---	21.0	25.0	28.0	28.0	29.0	28.0
11	25.0	20.0	---	9.0	12.0	---	21.5	25.5	27.0	28.5	28.5	26.5
12	25.0	19.5	---	8.5	11.5	18.5	21.5	26.0	26.5	28.5	29.0	26.0
13	25.0	19.0	---	6.5	12.0	19.0	22.0	24.5	26.5	28.5	29.0	26.0
14	25.0	19.0	---	6.0	13.0	19.0	20.5	24.5	27.0	28.0	28.0	26.5
15	25.0	18.5	---	8.0	12.0	19.5	20.0	25.0	27.0	28.5	28.5	26.0
16	---	18.5	---	8.0	14.0	20.0	21.0	25.5	28.5	28.5	29.0	26.0
17	---	18.5	---	---	14.5	20.0	20.5	25.5	28.0	28.0	28.5	26.0
18	---	18.0	---	11.0	15.0	20.5	21.5	26.0	27.0	28.0	28.5	26.5
19	---	18.0	---	11.0	15.5	20.5	21.0	26.0	28.0	28.5	28.0	26.0
20	---	19.0	---	12.0	16.5	20.0	21.0	25.5	28.5	28.0	28.0	24.5
21	---	18.5	---	13.5	17.0	19.5	21.5	26.5	28.0	27.0	28.5	25.0
22	---	18.0	---	13.5	17.0	19.5	21.5	26.5	28.0	28.5	28.0	24.5
23	---	18.0	---	14.5	16.5	20.5	21.0	27.0	27.0	28.5	28.0	24.0
24	---	19.0	---	14.5	17.0	18.5	22.0	27.0	27.0	28.0	28.5	24.0
25	---	---	---	14.5	17.0	19.0	22.0	26.5	27.0	27.0	---	23.5
26	---	18.5	---	13.0	12.0	20.0	23.0	26.5	28.0	28.0	---	24.5
27	---	18.5	---	13.5	12.0	21.0	21.5	26.5	28.5	28.0	---	24.5
28	---	18.0	---	14.0	13.5	---	21.0	27.0	28.5	27.0	---	25.0
29	---	18.0	---	13.5	---	---	20.5	27.0	28.0	28.5	---	25.5
30	---	17.0	---	15.0	---	---	20.5	26.0	28.0	28.5	---	24.5
31	---	---	---	---	---	---	---	---	---	28.5	---	---

295019089411500 BAYOU LALOUTRE AT ALLUVIAL CITY, AT YSCLOSKEY, LA (CE 85775)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7800	8600	9900	5700	4900	4900	5400	4700	8900	11000	12000	7200
2	7800	8200	10000	5800	4800	4900	4900	4900	8800	11000	12000	7200
3	7900	8100	10000	5600	4600	4900	5100	4900	8600	11000	12000	5000
4	8300	8400	9800	5700	4900	5000	5200	4900	8700	11000	12000	7100
5	7600	8300	9900	5700	4800	4800	5300	4800	8900	11000	12000	7300
6	7800	8000	---	5900	4700	4800	5100	4900	8800	12000	11000	7100
7	8000	8100	10000	5600	4900	5000	5100	4800	8800	12000	12000	6900
8	7900	8200	11000	5800	4800	7400	5300	4900	8700	12000	11000	7100
9	7900	8300	10000	5800	4700	---	5200	5000	8400	12000	12000	7000
10	8000	8200	---	5800	4700	---	5200	4800	8600	12000	7800	7200
11	8200	7200	10000	5600	4700	---	5100	4900	8600	12000	7900	7100
12	8300	11000	10000	5800	5000	3500	5100	4800	8900	12000	8000	7200
13	8300	11000	11000	5900	4900	6100	5100	5000	8600	9200	8200	7200
14	8600	12000	10000	5800	4700	6000	5100	4900	8800	9000	7700	7200
15	8100	8200	8600	5600	4800	5900	5100	5200	8400	9000	7800	6900
16	8900	8200	8500	5900	4900	6000	5100	5400	8600	8600	7800	7100
17	8800	8600	8500	---	4800	6100	5000	5100	8200	9200	7900	7600
18	8600	11000	8500	4900	4800	6100	4700	5300	8100	9300	7700	7400
19	8300	11000	8100	4700	4600	6000	4800	5200	7800	9100	7700	7000
20	8700	11000	8200	4900	4900	6100	4700	5300	8200	9100	7400	7000
21	8400	11000	8500	4900	5000	6100	4400	5200	8500	9000	7800	7000
22	7600	11000	8600	4800	4800	6000	4600	5200	8200	9100	7700	7200
23	8300	11000	8500	4900	4800	6100	4800	5100	8200	9200	7600	7000
24	8500	11000	8400	4900	4800	5800	4700	5300	8100	9200	7600	7300
25	8700	---	8500	4900	4800	6000	4800	5200	8100	9200	---	7200
26	8800	11000	6100	4900	4900	6100	4700	5000	8200	9100	---	6800
27	8900	11000	8700	4700	4900	6100	4600	---	8400	8900	---	7100
28	8500	11000	---	4900	4800	---	4600	5200	8500	9000	---	6900
29	8400	10000	8500	4800	---	---	4700	5200	8300	12000	---	7000
30	6000	10000	8500	4900	---	---	4700	5100	8000	12000	---	7400
31	---	---	---	---	---	---	---	---	---	12000	---	---

07380250 BAYOU BARATARIA AT LAFITTE, LA (CE 82875)

LOCATION.--Lat 29°40'06", long 90°06'36", in lot 5, T.16 S., R.23 E., Jefferson Parish, Hydrologic Unit 08090301, 1.0 mi (1.6 km) south of Lafitte.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1954, 1975 to September 1982 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1982 (discontinued).
CHLORIDE: October 1974 to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 34.0°C July 23, 1981; minimum daily, 3.0°C Jan. 20, 1977.
CHLORIDE: Maximum daily, 10,000 mg/L Apr. 21, 1977; minimum daily, 60 mg/L June 9, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 32.0°C June 6-9; minimum daily, 5.0°C Jan. 13, 14.
CHLORIDE: Maximum daily, 9,000 mg/L Nov. 30; minimum daily, 290 mg/L Apr. 26.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.0	---	21.0	14.0	---	12.0	21.0	24.0	29.0	30.0	29.0	31.0
2	28.0	---	19.0	---	---	13.0	21.0	24.0	30.0	31.0	29.0	31.0
3	28.0	---	18.0	17.0	13.0	14.0	21.0	23.0	---	31.0	29.0	31.0
4	28.0	---	---	17.0	12.0	14.0	20.0	23.0	---	31.0	29.0	31.0
5	28.0	---	14.0	14.0	12.0	16.0	20.0	25.0	---	31.0	29.0	31.0
6	28.0	---	13.0	15.0	11.0	16.0	17.0	24.0	32.0	31.0	---	30.0
7	28.0	---	14.0	15.0	10.0	13.0	17.0	24.0	32.0	---	29.0	30.0
8	28.0	---	---	14.0	10.0	13.0	18.0	24.0	32.0	30.0	---	30.0
9	28.0	---	---	13.0	12.0	12.0	19.0	24.0	32.0	30.0	29.0	29.0
10	28.0	---	14.0	10.0	10.0	14.0	18.0	23.0	31.0	---	29.0	29.0
11	28.0	---	14.0	7.0	10.0	15.0	17.0	23.0	---	---	29.0	29.0
12	28.0	---	14.0	---	10.0	18.0	18.0	23.0	31.0	---	29.0	28.0
13	28.0	---	---	5.0	11.0	20.0	20.0	24.0	31.0	---	---	28.0
14	---	---	14.0	5.0	12.0	21.0	21.0	24.0	30.0	---	---	28.0
15	---	---	12.0	6.0	13.0	21.0	21.0	24.0	30.0	---	---	28.0
16	28.0	---	12.0	6.0	14.0	23.0	23.0	25.0	30.0	---	---	28.0
17	28.0	---	13.0	6.0	17.0	23.0	24.0	25.0	30.0	---	---	---
18	28.0	---	13.0	7.0	17.0	24.0	24.0	25.0	30.0	---	---	28.0
19	27.0	---	8.0	10.0	---	25.0	24.0	25.0	30.0	---	---	27.0
20	27.0	---	6.0	12.0	17.0	25.0	24.0	---	30.0	---	---	27.0
21	27.0	16.0	8.0	12.0	17.0	25.0	24.0	---	30.0	---	---	26.0
22	27.0	16.0	11.0	12.0	17.0	---	24.0	27.0	30.0	---	30.5	26.0
23	27.0	16.0	12.0	12.0	18.0	---	24.0	27.0	30.0	---	30.0	---
24	---	17.0	11.0	12.0	19.0	---	---	27.0	30.0	---	31.0	25.0
25	27.0	18.0	---	12.0	18.0	25.0	---	27.0	30.0	---	31.0	---
26	27.0	20.0	10.0	13.0	16.0	21.0	20.0	29.0	29.0	---	31.0	24.0
27	27.0	---	12.0	12.0	14.0	---	20.0	29.0	29.0	30.0	31.0	24.0
28	27.0	---	14.0	13.0	14.0	14.0	22.0	29.0	28.0	30.0	31.0	24.0
29	27.0	21.0	13.0	13.0	---	14.0	23.0	29.0	30.0	30.0	31.0	24.0
30	27.0	22.0	12.0	15.0	---	16.0	23.0	29.0	30.0	30.0	31.0	24.0
31	27.0	---	14.0	15.0	---	16.0	---	29.0	---	30.0	31.0	---

07380250 BAYOU BARATARIA AT LAFITTE, LA (CE 82875)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3100	4400	5000	---	1900	1100	1100	500	740	620	480	610
2	3300	---	---	---	---	980	1100	460	800	660	480	980
3	3400	5200	---	4000	1900	1000	1400	520	---	640	550	930
4	3400	5400	---	2200	1300	1300	870	520	---	690	510	1200
5	3100	2700	2400	2100	1300	1200	1400	500	---	770	540	1300
6	3100	---	3400	2400	1400	2000	1700	550	820	940	---	2000
7	2500	---	2600	2300	1400	1100	1700	580	820	---	560	1900
8	2900	---	---	2100	1900	1100	1200	560	790	1200	---	2500
9	3200	---	---	2400	1500	1100	1300	540	1200	1200	580	690
10	2400	2700	3500	2700	1300	1100	910	570	1400	---	510	2400
11	2500	3800	4400	2100	1300	1100	950	550	---	---	530	2600
12	3300	3000	---	---	1400	1100	840	610	1300	---	500	2500
13	3100	---	---	1700	1100	1200	1100	640	1400	---	---	2400
14	---	---	---	2000	1100	1100	1100	830	1200	---	---	2600
15	---	---	---	1700	1400	1100	1000	620	1200	---	---	1100
16	4200	---	---	1400	1100	1300	1000	590	1300	---	---	1000
17	4000	---	3000	1600	1000	1400	1300	620	2200	---	---	---
18	2500	---	2300	1900	1100	1300	1000	600	2200	---	---	1500
19	2400	---	2400	2300	---	1200	960	660	2600	---	---	2300
20	2800	---	2700	2200	920	1300	1000	---	2500	---	---	1800
21	3600	---	2400	2100	1000	1300	900	---	2400	---	---	2100
22	3600	---	3500	1900	1100	---	410	570	2200	---	570	1300
23	4600	4600	5400	2100	1100	---	400	590	2000	---	530	---
24	---	5000	2800	2500	1000	---	---	580	2500	---	450	1200
25	4100	5100	---	2100	1100	790	---	620	780	---	510	---
26	5100	---	3700	2000	1000	810	290	840	490	---	540	1800
27	4000	---	5200	2200	1000	---	300	670	550	690	570	1900
28	3200	---	4200	2400	1200	1500	520	740	690	640	690	1400
29	3300	5200	3800	2300	---	1400	500	750	510	780	560	1900
30	---	9000	3800	2100	---	1400	490	880	560	540	650	1200
31	5800	---	3900	2000	---	1500	---	860	---	570	800	---

07380400 BAYOU LAFOURCHE AT DONALDSONVILLE, LA

LOCATION.--Lat 30°06'00", long 90°58'40", in lot 96, T. 11 S., R. 14 E., Louisiana meridian, Ascension Parish, Hydrologic Unit 08090301, on left bank 15 ft (46 m) upstream from end of culvert under State Highway 18, in Donaldsonville, and 1,600 ft (488 m) downstream from pumping plant. Prior to Jan. 22, 1982, at site 40 ft (12 m) upstream from culvert under State Highway 18 and 1,500 ft (457 m) downstream from pumping plant.

PERIOD OF RECORD.--August 1957 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair. Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during heavy runoff. Records of dissolved oxygen and water temperatures for the water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--25 years, 244 ft^3/s (6.910 m^3/s), 176,800 acre-ft/yr (218 hm^3/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 642 ft^3/s (18.2 m^3/s) Apr. 13, 1980; no flow June 11, 14, 1959, Feb. 23, 24-27, 28, 1970, Mar. 3, Apr. 2, 3, May 14, 1971, Sept. 7-12, 1973, July 11, 1979.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	159	150	100	200	224	189	281	148	208	228	244	363
2	172	150	12	160	227	182	287	143	210	178	268	293
3	208	150	140	140	218	172	290	135	221	157	249	224
4	209	150	150	130	195	171	294	130	244	137	235	218
5	165	130	150	130	141	181	273	127	189	119	229	212
6	167	12	150	200	151	170	270	130	140	108	229	209
7	178	97	140	220	162	151	152	130	70	180	231	209
8	213	146	10	240	173	121	161	198	159	253	228	159
9	194	148	106	270	192	131	177	239	21	279	224	108
10	182	92	153	220	181	133	309	180	39	266	221	253
11	182	93	157	230	202	148	326	128	58	264	190	316
12	155	96	161	260	230	167	246	117	90	256	212	235
13	184	92	162	400	232	195	164	120	82	253	217	229
14	158	115	136	200	225	187	167	121	85	244	213	257
15	148	159	126	230	287	167	212	120	83	239	212	235
16	135	80	126	220	393	127	169	109	110	255	212	156
17	189	50	131	220	250	146	220	217	100	256	222	258
18	190	110	170	210	234	109	207	183	205	250	251	257
19	192	80	150	190	228	100	184	127	154	198	258	237
20	136	95	110	170	212	117	164	172	189	145	236	230
21	138	120	115	150	201	132	172	244	231	182	227	228
22	128	120	130	170	202	127	255	227	228	221	220	220
23	174	100	150	160	198	142	215	208	235	225	218	260
24	171	80	160	151	192	154	182	211	277	236	215	259
25	167	20	170	93	188	166	192	203	272	264	213	231
26	163	80	180	183	210	142	177	195	268	241	214	220
27	104	130	200	136	199	207	162	190	270	233	217	214
28	109	130	240	177	191	240	154	217	267	228	219	211
29	147	120	230	190	---	259	148	222	153	225	219	212
30	110	120	290	196	---	259	147	220	131	226	254	210
31	150	---	350	214	---	270	---	210	---	230	351	---
TOTAL	5077	3215	4755	6060	5938	5162	6357	5321	4989	6776	7148	6923
MEAN	164	107	153	195	212	167	212	172	166	219	231	231
MAX	213	159	350	400	393	270	326	244	277	279	351	363
MIN	104	12	10	93	141	100	147	109	21	108	190	108
AC-FT	10070	6380	9430	12020	11780	10240	12610	10550	9900	13440	14180	13730

CAL YR 1981 TOTAL 61657 MEAN 169 MAX 350 MIN 10 AC-FT 122300
WTR YR 1982 TOTAL 67721 MEAN 186 MAX 400 MIN 10 AC-FT 134300

NOTE: No gage-height record Oct. 30 to Nov. 6, Nov. 16 to Dec. 8, Dec. 18 to Jan. 24, Feb. 16 to Mar. 9, May 18 to June 3, June 5-20, Sept. 19-30.

07380400 BAYOU LAFOURCHE AT DONALDSONVILLE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.04	---	---	---	7.21	---	7.65	6.42	---	7.23	7.37	8.21
2	7.17	---	---	---	7.24	---	7.69	6.36	---	6.79	7.55	7.72
3	7.52	---	---	---	7.17	---	7.72	6.22	---	6.55	7.42	7.21
4	7.53	---	---	---	6.85	---	7.75	6.13	7.37	6.26	7.31	7.17
5	7.04	---	---	---	6.32	---	7.59	6.08	---	5.92	7.26	7.12
6	6.99	---	---	---	6.47	---	7.54	6.14	---	5.70	7.26	7.10
7	7.11	6.97	---	---	6.61	---	6.47	6.13	---	6.60	7.27	7.10
8	7.54	7.60	---	---	6.73	---	6.59	6.94	---	7.44	7.25	6.58
9	7.31	7.61	6.95	---	6.94	---	6.72	7.33	---	7.64	7.22	5.70
10	7.15	6.86	7.54	---	6.80	6.19	7.85	6.73	---	7.54	7.19	7.42
11	7.15	6.86	7.58	---	7.04	6.43	7.97	6.10	---	7.53	6.85	7.89
12	6.79	6.89	7.60	---	7.27	6.55	7.36	5.88	---	7.47	7.13	7.30
13	7.16	6.85	7.61	---	7.28	6.98	6.63	5.94	---	7.45	7.16	7.25
14	6.82	7.15	7.34	---	7.23	6.89	6.64	5.97	---	7.37	7.13	7.46
15	6.67	7.67	7.23	---	7.67	6.66	7.08	5.94	---	7.33	7.12	7.30
16	6.50	---	7.23	---	---	6.08	6.69	5.73	---	7.45	7.12	6.54
17	7.18	---	7.29	---	---	6.41	7.19	7.15	---	7.47	7.20	7.48
18	7.20	---	---	---	---	5.73	7.08	---	---	7.42	7.42	7.47
19	7.21	---	---	---	---	5.55	6.86	---	---	6.96	7.48	---
20	6.54	---	---	---	---	5.89	6.64	---	---	6.38	7.31	---
21	6.63	---	---	---	---	6.12	6.72	---	7.27	6.79	7.24	---
22	6.56	---	---	---	---	6.08	7.44	---	7.25	7.20	7.19	---
23	7.21	---	---	---	---	6.34	7.14	---	7.30	7.22	7.17	---
24	7.23	---	---	---	---	6.51	6.84	---	7.62	7.31	7.15	---
25	7.24	---	---	5.38	---	6.65	6.94	---	7.59	7.53	7.13	---
26	7.25	---	---	6.84	---	6.35	6.78	---	7.56	7.35	7.14	---
27	6.54	---	---	6.25	---	7.08	6.61	---	7.57	7.29	7.16	---
28	6.67	---	---	6.78	---	7.34	6.52	---	7.55	7.24	7.18	---
29	7.22	---	---	6.92	---	7.49	6.43	---	6.50	7.22	7.18	---
30	---	---	---	6.99	---	7.49	6.41	---	6.16	7.24	7.44	---
31	---	---	---	7.14	---	7.57	---	---	---	7.27	8.14	---
MAX	7.54	---	---	---	---	7.57	7.97	---	7.62	7.64	8.14	8.21
MIN	6.50	---	---	---	6.32	5.55	6.41	5.73	---	5.70	6.85	5.70

07381000 BAYOU LAFOURCHE AT THIBODAUX, LA

LOCATION.--Lat 29°47'52", long 90°49'21", in lot 117, T. 15 S., R. 16 E., Lafourche Parish, Hydrologic Unit 08090301, on downstream side of left pier of drawspan of bridge on State Highway 20 at Thibodaux, and 2.7 mi (4.3 km) upstream from Laurel Valley Canal.

PERIOD OF RECORD.--April 1966 to current year (elevations only). Unpublished records, May 1954 to July 1957, available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works).

REMARKS.--Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during heavy runoff. Artificial control located about 1,000 ft (300 m) downstream since Nov. 5, 1968.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 7.64 ft (2.329 m) Apr. 17, 1973; minimum, 0.82 ft (0.250 m) Dec. 2, 1966.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.28 ft (1.914 m) Feb. 2; minimum, 4.58 ft (1.396 m) Oct. 16, 17.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	4.88	5.27	5.41	5.29	5.35	5.42	5.11	---	---	---	5.54
2	---	4.97	5.24	5.35	5.81	5.15	5.44	5.14	---	---	---	5.56
3	---	5.03	5.09	5.33	5.92	5.31	5.47	5.12	---	---	5.50	5.45
4	---	5.05	5.00	5.33	5.52	5.27	5.46	5.09	5.29	---	5.46	5.39
5	---	5.04	5.01	5.20	5.31	5.36	5.48	5.06	5.32	---	5.42	5.34
6	---	5.01	5.16	5.15	5.20	5.44	5.43	5.09	5.37	---	5.37	5.32
7	5.25	4.93	5.24	5.26	5.19	5.52	5.39	5.14	5.39	---	5.36	5.30
8	5.23	4.96	5.27	5.29	5.20	5.48	5.25	5.27	5.30	---	5.39	5.28
9	5.32	5.28	5.14	5.31	5.24	5.50	5.20	5.35	5.04	---	5.39	5.06
10	5.22	5.32	4.99	5.34	5.32	5.45	5.26	5.24	4.98	---	5.37	5.13
11	5.14	5.13	5.12	5.34	5.27	5.31	5.46	5.12	5.08	---	5.37	5.39
12	5.08	5.05	5.21	5.32	5.33	5.19	5.51	5.05	5.32	---	5.38	5.47
13	4.85	5.03	5.25	5.59	5.37	5.22	5.40	5.04	5.44	5.34	5.39	5.46
14	4.90	4.96	5.40	5.55	5.37	5.30	5.27	5.02	5.41	---	5.35	5.45
15	4.80	5.03	5.24	5.29	5.45	5.31	5.23	5.03	5.38	---	5.33	5.46
16	4.72	5.22	5.03	5.34	5.90	5.27	5.24	5.00	5.33	---	5.38	5.43
17	4.67	5.07	5.07	5.36	5.68	5.16	5.14	4.99	5.39	---	5.52	5.32
18	4.86	5.05	5.19	5.36	5.50	5.17	5.26	5.21	5.44	---	5.48	5.55
19	4.95	5.04	5.17	5.29	5.41	5.01	5.26	5.35	5.38	---	5.62	5.52
20	4.96	5.19	5.17	5.25	5.37	4.92	5.22	5.35	5.42	---	5.54	5.52
21	4.79	5.14	5.15	5.35	5.36	4.98	5.26	5.39	5.58	---	5.46	5.47
22	4.74	5.11	5.14	5.33	5.33	5.05	5.32	5.37	5.67	---	5.42	5.43
23	4.76	5.29	5.16	5.39	5.20	5.06	5.58	5.47	5.51	---	5.38	5.41
24	4.91	5.17	5.14	5.38	5.13	5.12	5.40	5.38	5.06	---	5.34	5.50
25	5.00	5.12	5.22	5.40	5.17	5.15	5.89	---	5.27	---	5.33	5.54
26	5.10	5.03	5.26	5.15	5.16	5.16	5.54	---	5.18	---	5.33	5.53
27	5.10	5.18	5.28	5.17	5.28	5.11	5.31	---	5.06	---	5.33	5.44
28	4.91	5.23	5.29	5.10	5.32	5.29	5.21	---	5.47	---	5.36	5.40
29	4.86	5.24	5.34	5.16	---	5.34	5.16	---	5.74	---	5.39	5.39
30	4.77	5.25	5.37	5.24	---	5.38	5.13	---	---	---	5.36	5.40
31	4.75	---	5.61	5.30	---	5.40	---	---	---	---	5.43	---
MAX	---	5.32	5.61	5.59	5.92	5.52	5.89	---	---	---	5.62	5.56
MIN	4.67	4.88	4.99	5.10	5.13	4.92	5.13	4.99	4.98	---	5.33	5.06

07381350 COMPANY CANAL AT LOCKPORT, LA

LOCATION.--Lat 29°38'42", long 90°32'41", in SW1/4 sec.18, T.16 S., R.19 E., Lafourche Parish, Hydrologic Unit 08090302, at center of bridge on State Highway 1 at Lockport.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1956, 1979 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: July 1979 to current year.
WATER TEMPERATURES: December 1980 to current year.

INSTRUMENTATION.--Specific conductance recorder from July 25, 1979 to Dec. 15, 1980. Mini-monitor installed December 16, 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 1,780 micromhos Apr. 24, 1981; minimum, 120 micromhos Apr. 26, 1982.
WATER TEMPERATURES: Maximum, 34.5°C July 19, 1981; minimum, 4.5°C Jan. 15, 1982.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum, 33.5°C June 1, July 29, Aug. 24, 25; minimum, 4.5°C Jan. 15.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	455	425	747	667	817	627	---	---	396	356	460	420
2	456	436	769	669	798	768	---	---	409	329	462	392
3	477	447	831	661	810	660	---	---	362	292	---	---
4	458	468	874	734	811	671	---	---	445	335	456	386
5	469	449	916	696	822	592	---	---	478	428	408	358
6	470	450	1150	843	823	603	---	---	492	422	---	---
7	472	452	1120	659	674	484	---	---	465	415	562	362
8	473	463	986	766	---	---	---	---	548	358	---	---
9	484	464	993	673	---	---	---	---	501	391	426	376
10	506	476	1050	879	---	---	---	---	630	440	448	388
11	509	489	1010	916	---	---	---	---	449	429	430	360
12	511	501	943	803	---	---	---	---	---	---	558	358
13	503	483	1000	850	---	---	---	---	467	437	446	376
14	505	465	966	836	---	---	---	---	556	446	424	384
15	648	498	913	853	---	---	---	---	615	415	472	402
16	600	520	850	740	---	---	---	---	594	474	440	360
17	572	502	746	676	---	---	---	---	573	453	---	---
18	565	525	733	663	---	---	---	---	572	452	---	---
19	527	507	754	644	---	---	---	---	501	381	455	395
20	519	499	695	625	---	---	---	---	599	489	443	363
21	512	502	766	516	---	---	---	---	498	458	---	---
22	524	494	857	717	---	---	---	---	507	467	419	329
23	626	496	859	659	---	---	---	---	486	456	417	307
24	528	498	820	740	---	---	---	---	595	435	415	355
25	531	511	801	751	---	---	---	---	464	414	643	353
26	1130	503	772	622	---	---	---	---	453	423	391	311
27	1110	905	753	603	---	---	---	---	652	432	389	309
28	928	728	734	544	---	---	443	363	461	411	307	277
29	660	570	585	525	---	---	396	356	---	---	295	275
30	702	582	816	516	---	---	419	359	---	---	343	283
31	755	675	---	---	---	---	553	363	---	---	352	292

07381350 COMPANY CANAL AT LOCKPORT, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	380	320	400	310					---	---	464	444
2	448	338	360	310					---	---	465	445
3	406	336	330	300					---	---	466	456
4	404	324	360	310					360	280	467	447
5	422	322	393	313					350	310	458	448
6	430	330	415	325					400	350	459	449
7	370	320	498	308					410	390	480	450
8	430	320	490	370					410	390	469	449
9	400	320	383	323					410	390	468	448
10	410	330	455	335					410	340	477	447
11	560	410	448	378					410	370	466	446
12	430	410	440	380					420	390	445	415
13	440	390	460	400					410	380	434	404
14	450	360	470	400					390	360	423	323
15	450	330	510	410					370	350	432	312
16	410	320	500	430					420	340	431	321
17	410	330	510	430					390	360	430	410
18	430	320	500	430					390	360	419	399
19	450	330	480	430					400	390	418	398
20	460	420	490	430					400	380	417	307
21	410	320	480	440					400	380	436	376
22	420	280	500	450					400	370	425	384
23	440	370	---	---					380	360	394	354
24	450	260	---	---					386	360	364	354
25	270	220	---	---					387	377	374	364
26	240	120	---	---					388	378	374	324
27	360	230	---	---					399	389	374	344
28	370	320	---	---					440	400	404	354
29	380	320	---	---					461	401	375	355
30	380	320	---	---					462	442	365	345
31	---	---	---	---					463	453	---	---

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.0	27.5	22.0	21.0	22.5	21.0	16.0	15.5	15.5	14.0	13.5	12.0
2	28.5	27.5	22.5	21.5	21.0	19.5	17.5	15.0	14.0	12.5	16.5	12.5
3	28.0	26.5	23.0	22.0	19.5	18.0	20.5	17.5	14.0	12.5	18.0	15.0
4	28.0	26.0	23.5	22.0	18.0	16.5	21.0	17.5	14.0	13.0	19.5	16.0
5	28.5	26.0	23.5	22.5	16.5	14.5	17.5	16.5	13.5	12.5	19.0	18.0
6	28.0	26.5	24.0	23.0	15.5	14.0	18.5	16.5	13.0	11.5	18.0	15.0
7	28.5	27.0	23.0	21.5	16.0	14.5	20.5	18.0	11.5	9.5	15.0	13.0
8	28.5	27.0	23.0	20.5	17.0	15.5	19.0	15.5	12.5	9.5	14.5	12.0
9	28.5	27.0	21.5	21.0	16.5	15.5	15.5	12.5	14.0	12.5	15.0	13.0
10	29.5	27.5	21.5	20.0	16.0	15.5	13.5	11.0	13.0	10.5	17.5	15.0
11	29.0	27.5	20.0	19.0	15.5	15.0	11.0	8.0	12.0	10.0	19.0	16.0
12	29.0	27.5	18.5	17.5	15.5	15.0	9.5	7.0	13.0	11.5	20.5	17.5
13	28.0	27.0	19.5	18.0	15.0	14.5	9.5	8.5	13.5	12.5	23.0	19.0
14	27.0	26.0	19.5	18.0	15.0	14.5	8.5	5.0	13.0	12.0	24.0	21.5
15	28.0	25.5	20.0	18.0	14.5	12.5	7.5	4.5	14.5	12.5	25.0	22.5
16	27.0	26.0	20.5	18.5	14.5	12.0	9.5	7.0	18.0	14.5	24.0	23.0
17	26.5	25.5	21.0	19.5	14.5	13.0	7.5	6.5	20.0	17.0	25.5	22.5
18	26.0	24.0	21.5	20.0	13.5	11.5	11.0	7.0	21.0	18.5	27.5	24.0
19	24.0	21.5	22.0	20.5	11.5	10.0	15.5	10.5	20.5	19.0	27.0	25.5
20	22.5	20.0	20.5	18.0	10.5	9.5	17.5	15.0	21.5	20.0	27.5	25.0
21	23.0	20.5	18.5	16.0	13.0	10.0	19.5	16.5	21.5	20.5	27.0	25.5
22	23.0	21.0	17.0	15.5	15.5	13.0	20.0	16.5	21.0	20.0	25.5	22.5
23	23.5	21.0	18.5	16.0	16.0	15.0	20.5	18.5	21.0	19.0	22.5	20.5
24	20.5	19.0	19.0	18.0	14.5	13.0	18.5	16.5	21.0	19.5	21.0	20.0
25	19.5	19.0	19.5	17.5	13.0	12.0	17.5	15.5	22.5	20.5	24.0	20.5
26	21.0	19.5	20.5	18.5	13.5	12.0	16.5	14.0	20.5	18.0	23.0	20.0
27	20.0	18.5	21.0	19.5	15.0	13.0	14.5	13.0	17.5	14.0	19.5	17.0
28	19.5	18.0	21.5	19.5	16.5	14.5	15.0	13.5	14.0	12.0	17.5	16.5
29	19.5	18.0	21.5	20.5	16.5	14.0	16.0	14.5	---	---	17.0	16.5
30	20.5	18.5	22.5	21.0	14.0	13.5	17.5	15.5	---	---	18.5	16.5
31	21.5	20.0	---	---	15.5	13.5	17.5	15.5	---	---	20.0	18.5

07381350 COMPANY CANAL AT LOCKPORT, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	21.5	19.5	25.5	24.0	33.5	29.5	---	---	30.5	29.0	32.5	30.5
2	23.5	20.5	26.0	24.0	31.5	30.0	---	---	31.0	28.5	32.5	30.5
3	24.0	21.5	27.5	25.0	32.5	30.0	---	---	29.5	27.5	31.5	30.5
4	22.0	20.5	28.5	25.0	32.0	30.5	---	---	29.5	26.5	31.0	29.5
5	23.0	20.5	28.0	26.0	32.5	30.0	---	---	31.0	28.0	30.5	28.5
6	22.5	20.5	27.5	25.5	32.0	30.0	---	---	30.5	29.5	31.0	29.0
7	20.5	19.0	25.5	24.0	33.0	30.5	---	---	30.5	28.5	29.5	28.5
8	21.5	19.5	25.0	23.5	33.0	30.0	---	---	29.5	28.5	28.5	27.0
9	21.5	20.5	25.5	23.5	32.5	31.0	---	---	30.0	28.0	27.5	27.0
10	20.0	18.0	26.5	23.5	32.0	30.5	---	---	29.5	28.0	28.5	26.5
11	19.0	17.0	26.5	24.0	33.0	30.5	---	---	28.5	27.5	27.5	27.0
12	20.0	17.0	26.5	24.5	---	---	33.0	30.5	29.0	27.0	28.5	26.5
13	21.5	18.5	26.5	25.0	32.5	30.5	31.0	29.5	30.0	27.5	30.0	27.5
14	23.0	20.5	26.0	25.0	---	---	32.0	29.0	31.5	29.0	29.5	28.0
15	24.5	22.0	27.0	24.5	32.0	30.0	30.0	29.0	31.5	29.5	29.5	28.0
16	24.0	22.5	27.0	25.0	31.5	30.0	32.0	29.0	30.5	29.0	30.0	29.0
17	24.5	23.5	27.0	25.5	31.0	29.0	29.5	29.0	31.0	28.5	30.5	28.5
18	24.5	23.0	27.0	25.5	31.0	26.5	30.0	27.0	31.0	29.0	30.5	28.5
19	25.0	22.5	27.0	25.5	31.5	29.5	29.5	26.5	31.0	29.5	30.5	28.5
20	24.5	24.0	29.0	26.0	---	---	30.5	27.5	30.5	29.0	29.0	27.0
21	25.0	23.5	29.0	27.0	---	---	30.0	28.0	30.5	29.0	27.5	26.0
22	23.5	19.5	29.5	27.5	32.5	29.5	31.5	29.0	31.5	29.0	26.5	25.0
23	20.5	17.0	29.0	27.5	---	---	32.0	29.5	32.5	30.5	26.0	24.5
24	21.0	18.5	28.0	26.5	30.5	29.0	31.5	30.0	33.5	31.0	26.5	24.0
25	21.5	20.0	28.0	26.5	30.5	29.0	30.5	29.0	33.5	31.0	25.5	24.0
26	23.5	21.0	29.0	26.5	29.5	28.5	30.5	28.0	33.0	31.5	25.0	23.5
27	24.5	22.5	31.0	28.0	28.5	28.0	31.5	28.5	32.5	31.0	25.0	23.0
28	24.5	23.5	31.5	29.0	29.0	27.0	33.0	30.5	32.0	30.5	25.5	23.5
29	25.0	22.5	31.5	29.5	30.5	28.0	33.5	31.5	32.5	31.0	25.5	24.0
30	25.5	24.0	30.0	29.0	---	---	31.5	30.5	32.5	31.0	25.5	24.0
31	---	---	31.5	29.5	---	---	31.0	30.0	32.5	30.5	---	---

07381200 BAYOU LAFOURCHE AT VALENTINE, LA

LOCATION.--Lat 29°35'35", long 90°28'05", on line between lots 96 and 98, T.17 S., R.20 E., Lafourche Parish, Hydrologic Unit 08090301, on upstream side of bridge on State Highway 308, at Valentine, 5.2 mi (8.4 km) upstream from Intracoastal Waterway, and 5.7 mi (9.2 km) south of Lockport.

PERIOD OF RECORD.--April 1966 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1968, at datum 2.98 ft (0.908 m) lower.

REMARKS.--Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during heavy runoff. Elevation affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 3.50 ft (1.067 m) Apr. 13, 1980; minimum, -0.18 ft (-0.055 m) Feb. 9, 1968 (present datum).

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 2.43 ft (0.741 m) Nov. 4; minimum recorded, 0.27 ft (0.082 m) Jan. 11.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.85	1.72	1.95	1.60	1.49	1.09	1.87	1.88	2.01	---	1.34	1.61
2	1.78	1.94	1.69	1.47	1.56	1.09	1.84	1.92	1.78	---	1.52	1.64
3	1.70	1.97	1.54	1.56	1.94	1.27	2.01	1.79	1.88	---	1.55	1.66
4	1.72	1.93	1.49	1.71	1.88	1.48	1.73	1.60	1.85	---	1.54	1.71
5	1.76	1.87	1.02	1.29	1.65	1.53	1.90	1.37	1.80	---	1.49	1.63
6	1.62	1.81	1.08	1.36	1.60	1.73	1.49	1.61	1.57	---	1.48	1.72
7	1.56	1.51	1.11	1.52	1.19	1.43	1.66	1.82	1.53	---	1.60	1.73
8	1.59	1.48	1.31	1.29	1.21	1.15	1.83	2.02	1.59	---	1.74	1.73
9	1.54	1.82	1.40	1.02	1.38	1.19	1.88	1.68	1.59	---	1.82	1.90
10	1.56	1.68	1.38	1.05	1.40	1.28	1.58	1.61	1.60	---	1.79	1.93
11	1.52	1.21	1.33	.67	1.18	1.39	1.56	1.70	1.59	---	1.71	2.00
12	1.47	1.30	1.46	.57	1.19	1.44	1.40	1.75	1.52	---	1.68	2.23
13	1.56	1.27	1.42	1.24	1.10	1.49	1.52	2.00	1.59	1.51	1.71	2.18
14	2.02	1.33	1.45	1.08	.84	1.58	1.57	2.05	1.60	1.44	1.61	2.17
15	1.94	1.54	1.32	.74	1.31	1.59	1.65	2.18	1.65	1.60	1.53	1.97
16	1.91	1.61	1.09	1.02	1.60	1.75	1.76	1.96	1.95	1.68	1.55	1.85
17	1.84	1.66	1.12	.79	1.70	1.87	1.95	1.92	2.00	1.72	1.62	1.80
18	1.75	1.65	1.00	.87	1.69	1.73	1.80	1.88	1.99	1.73	1.66	1.74
19	1.46	1.79	.44	1.17	1.66	1.69	1.69	1.86	1.91	1.71	1.84	1.77
20	1.24	1.76	.59	1.21	1.58	1.83	1.74	1.77	1.84	1.66	1.98	1.82
21	1.35	1.38	.75	1.30	1.46	1.80	1.89	1.73	1.78	1.68	1.98	1.87
22	1.40	1.47	1.25	1.29	1.35	1.79	1.58	1.75	1.79	1.69	1.87	1.68
23	1.52	1.59	1.57	1.52	1.37	1.50	1.45	1.59	1.86	1.69	1.71	1.57
24	1.18	1.59	1.34	1.27	1.43	1.82	1.41	1.66	1.75	1.57	1.53	1.66
25	1.48	1.59	1.17	1.30	1.38	1.85	2.26	1.72	1.82	1.57	1.43	1.60
26	2.02	1.69	1.17	1.19	1.58	1.79	2.27	1.72	1.93	1.41	1.20	1.68
27	1.73	1.80	1.40	1.06	1.49	1.42	2.18	1.79	1.94	1.39	1.16	1.56
28	1.64	1.81	1.49	1.26	1.13	1.60	2.04	1.80	1.70	1.30	1.19	1.60
29	1.31	1.75	1.63	1.26	---	1.62	1.91	1.81	1.51	1.24	1.15	1.70
30	1.58	1.74	1.43	1.58	---	1.75	1.91	1.85	---	1.24	1.23	1.84
31	1.72	---	1.40	1.83	---	1.96	---	2.01	---	1.20	1.43	---
MAX	2.02	1.97	1.95	1.83	1.94	1.96	2.27	2.18	2.01	---	1.98	2.23
MIN	1.18	1.21	.44	.57	.84	1.09	1.40	1.37	---	1.20	1.15	1.56

07381230 BAYOU LAFOURCHE (AT INTRACOASTAL WATERWAY) AT LAROSE, LA (CE 82203)

LOCATION.--Lat 29°34'20", long 90°23'02", T.17 S., R.20 E., Lafourche Parish, Hydrologic Unit 08090301, at intersection with Intracoastal Waterway and at mile 35.3 (56.8 km) (WHL).

PERIOD OF RECORD.--Water years 1974 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1979, October 1980 to current year.
CHLORIDE: October 1974 to current year.

REMARKS.--Flow direction is dependent upon tide and upon wind velocity.

COOPERATION.--Samples are collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.5°C July 28, 29, 1977; minimum daily, 6.0°C Jan. 19, 20, 1977, Jan. 20-23, 1978.
CHLORIDE: Maximum daily, 6,700 mg/L Oct. 25, 1976; minimum daily, 18 mg/L Aug. 5, 1975.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 31.0°C June 8-16, 20-24, July 9, 10, Aug. 28-31, Sept. 1-5; minimum daily, 7.0°C Jan. 15, 16.
CHLORIDE: Maximum daily, 5,300 mg/L Oct. 28; minimum daily, 30 mg/L Mar. 13, 18.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	22.0	21.0	14.0	15.0	14.0	20.0	23.0	30.0	30.0	30.0	31.0
2	---	22.0	20.0	14.0	14.0	14.0	20.0	23.0	30.0	---	30.0	31.0
3	28.0	---	19.0	14.0	14.0	15.0	20.0	23.0	30.0	30.0	29.0	31.0
4	28.0	---	19.0	15.0	13.0	15.0	20.0	24.0	30.0	30.0	29.0	31.0
5	27.0	---	19.0	16.0	13.0	16.0	20.0	24.0	30.0	30.0	29.0	31.0
6	26.0	---	19.0	16.0	13.0	17.0	20.0	25.0	30.0	30.0	29.0	30.0
7	27.0	---	18.0	18.0	13.0	15.0	19.0	25.0	30.0	30.0	29.0	30.0
8	27.0	---	18.0	17.0	12.0	14.0	19.0	25.0	31.0	30.0	29.0	29.0
9	27.0	---	18.0	15.0	13.0	14.0	19.0	25.0	31.0	31.0	29.0	29.0
10	27.0	---	17.0	12.0	13.0	14.0	19.0	25.0	31.0	31.0	29.0	28.0
11	29.0	---	15.0	11.0	11.0	15.0	19.0	25.0	31.0	30.0	29.0	27.0
12	28.0	---	15.0	9.0	11.0	16.0	18.0	25.0	31.0	30.0	29.0	27.0
13	29.0	---	15.0	9.0	14.0	16.0	19.0	25.0	31.0	30.0	29.0	27.0
14	28.0	---	15.0	8.0	12.0	17.0	20.0	25.0	31.0	30.0	28.0	28.0
15	26.0	---	15.0	7.0	12.0	16.0	21.0	25.0	31.0	30.0	29.0	28.0
16	25.0	---	---	7.0	14.0	18.0	21.0	25.0	31.0	30.0	30.0	28.0
17	25.0	---	---	8.0	14.0	18.0	21.0	25.0	30.0	30.0	29.0	29.0
18	25.0	---	---	8.0	15.0	22.0	21.0	26.0	30.0	30.0	29.0	29.0
19	24.0	20.0	---	11.0	16.0	22.0	20.0	26.0	30.0	---	30.0	29.0
20	22.0	19.0	---	13.0	16.0	22.0	23.0	26.0	31.0	---	29.0	29.0
21	22.0	19.0	---	15.0	16.0	22.0	23.0	26.0	31.0	30.0	29.0	28.0
22	22.0	19.0	---	15.0	16.0	23.0	23.0	26.0	31.0	30.0	30.0	27.0
23	23.0	19.0	---	15.0	16.0	---	20.0	26.0	31.0	30.0	30.0	26.0
24	23.0	19.0	---	15.0	17.0	---	20.0	26.0	31.0	30.0	30.0	25.0
25	21.0	18.0	---	15.0	18.0	---	20.0	27.0	30.0	30.0	30.0	25.0
26	20.0	19.0	---	15.0	18.0	---	21.0	27.0	30.0	30.0	30.0	25.0
27	20.0	20.0	---	15.0	17.0	---	22.0	27.0	30.0	29.0	30.0	25.0
28	20.0	20.0	---	15.0	15.0	---	22.0	28.0	30.0	30.0	31.0	25.0
29	20.0	21.0	---	15.0	---	---	22.0	28.0	30.0	30.0	31.0	25.0
30	20.0	21.0	14.0	15.0	---	---	23.0	28.0	30.0	30.0	31.0	25.0
31	21.0	---	15.0	---	---	---	---	30.0	---	30.0	31.0	---

07381230 BAYOU LAFOURCHE (AT INTRACOASTAL WATERWAY) AT LAROSE, LA (CE 82203)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	4700	170	150	44	55	50	46	50	50	58	50
2	---	4700	---	140	37	49	51	43	42	---	58	50
3	660	---	110	140	66	46	50	40	38	50	52	46
4	690	---	320	220	100	52	41	46	36	52	56	44
5	650	---	310	110	80	56	99	46	43	49	58	52
6	420	---	240	130	80	59	52	42	36	50	52	45
7	240	---	220	140	66	46	48	44	40	51	52	46
8	250	---	360	140	70	50	50	40	44	54	42	47
9	130	---	250	150	70	52	46	48	42	54	44	150
10	130	---	190	110	70	48	41	49	48	51	44	670
11	250	---	230	110	60	37	40	50	58	56	50	610
12	250	---	220	65	64	50	40	46	56	58	50	750
13	280	---	150	180	66	30	44	64	56	56	46	800
14	1200	---	120	56	56	36	32	110	54	60	45	780
15	1200	---	140	58	55	40	47	110	51	62	43	500
16	1200	---	---	60	55	39	38	110	56	62	40	160
17	970	---	---	52	50	36	40	100	48	64	42	94
18	960	---	---	45	56	30	38	150	49	50	42	92
19	1200	2200	---	69	44	31	36	100	48	---	39	260
20	1200	---	---	60	44	34	38	74	56	---	39	260
21	1100	---	---	55	50	33	35	50	56	71	42	280
22	1100	550	---	45	50	32	36	52	54	46	48	350
23	4700	---	---	44	48	---	40	46	33	53	48	500
24	4900	430	---	44	46	---	35	48	46	70	47	420
25	4800	230	---	44	50	---	42	46	60	75	50	430
26	800	270	---	37	46	---	44	69	180	46	52	440
27	5200	---	---	40	50	---	48	52	120	49	48	100
28	5300	---	---	65	50	---	38	56	120	49	45	91
29	5200	250	---	56	---	---	44	48	70	54	43	1100
30	4600	---	130	59	---	---	42	60	70	56	42	1100
31	4900	---	160	---	---	---	---	42	---	52	44	---

292245090123200 BAYOU LAFOURCHE AT GALLIANO, LA (CE 82300)

LOCATION.--Lat 29°22'45", long 90°12'32", T.19 S., R.9 E., Lafourche Parish, Hydrologic Unit 08090301, at Galliano.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1978, October 1980 to current year.
CHLORIDE: October 1974 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 33.0°C July 7, 1977; minimum daily, 6.0°C Jan. 18, Feb. 1, 2, 1977.
CHLORIDE: Maximum daily, 12,000 mg/L Mar. 30, 1977, Jan. 26, 1981; minimum daily, 10 mg/L Apr. 15, 21, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 31.0°C Aug. 2, 6, 8-10, 13-21; minimum daily, 7.0°C Jan. 12.
CHLORIDE: Maximum daily, 11,000 mg/L Nov. 14, 15, 17, 18; minimum daily, 40 mg/L Aug. 20.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.5	20.5	11.0	11.0	10.5	10.5	11.0	20.5	30.0	30.0	30.0	30.0
2	20.5	20.5	11.0	11.0	10.0	10.5	11.0	20.5	30.0	30.0	31.0	30.0
3	20.5	20.0	11.0	11.0	10.0	11.0	11.0	20.5	30.0	30.0	30.0	30.0
4	20.5	20.0	11.0	11.0	10.0	11.0	11.0	20.5	30.0	30.0	30.0	30.0
5	20.5	20.0	11.0	11.0	10.0	11.0	20.0	21.0	30.0	30.0	30.0	21.0
6	20.5	20.0	11.0	11.0	11.0	11.0	20.0	21.0	30.0	---	31.0	21.0
7	20.5	20.0	10.0	11.0	10.0	11.0	20.0	21.0	30.0	30.0	30.0	20.5
8	20.5	20.0	10.0	11.0	10.0	11.0	20.0	21.0	30.0	---	31.0	20.5
9	20.5	20.0	11.0	11.0	10.0	11.0	20.0	21.0	30.0	30.0	31.0	20.5
10	20.5	20.0	10.0	11.0	10.0	11.0	20.0	20.5	30.0	30.0	31.0	20.5
11	20.5	10.5	10.0	11.0	10.0	11.0	11.0	20.5	30.0	30.0	30.0	20.5
12	20.5	10.5	10.0	7.0	10.0	11.0	11.0	20.5	30.0	30.0	30.0	20.5
13	20.5	20.0	---	---	11.0	20.0	11.0	20.5	30.0	30.0	31.0	20.5
14	20.5	20.0	10.0	---	10.5	20.0	20.0	21.0	30.0	---	31.0	20.5
15	20.5	20.0	10.0	---	10.0	20.5	20.0	21.0	30.0	---	31.0	21.0
16	20.5	20.0	10.0	---	11.0	20.5	20.0	21.0	30.0	---	31.0	20.5
17	20.5	20.0	10.0	---	11.0	20.5	20.0	21.0	30.0	---	31.0	21.0
18	20.5	20.0	10.0	10.0	11.0	20.5	20.0	21.0	30.0	---	31.0	21.0
19	20.5	20.0	10.0	10.5	11.0	20.5	20.5	21.0	30.0	---	31.0	20.5
20	20.5	20.0	10.0	11.0	11.0	20.5	20.5	21.0	30.0	---	31.0	20.5
21	20.5	20.0	10.0	11.0	11.0	20.5	20.5	21.0	30.0	---	31.0	20.5
22	20.5	20.0	10.0	11.0	11.0	20.5	20.5	21.0	30.0	---	---	20.0
23	20.5	20.0	10.0	11.0	11.0	20.0	20.0	21.0	30.0	---	---	22.0
24	10.5	20.0	10.0	11.0	11.0	20.0	20.0	21.0	30.0	---	30.0	20.0
25	10.5	20.0	10.0	10.5	11.0	20.0	20.0	21.0	---	---	---	20.5
26	10.5	20.0	10.0	10.5	11.0	11.0	20.0	21.0	---	---	30.0	20.5
27	10.5	20.0	11.0	10.0	11.0	11.0	20.5	21.0	---	---	---	20.5
28	10.5	20.0	11.0	10.5	10.5	11.0	20.5	21.0	30.0	---	---	20.5
29	10.5	20.0	11.0	10.5	---	11.0	20.5	21.0	---	---	30.0	20.5
30	10.5	20.0	10.5	10.5	---	11.0	20.5	21.0	30.0	---	30.0	20.5
31	10.5	---	10.5	10.0	---	11.0	---	21.0	---	---	30.0	---

292245090123200 BAYOU LAFOURCHE AT GALLIANO, LA (CE 82300)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4200	8400	4400	---	2600	74	3300	100	88	56	58	3100
2	4200	9100	5200	4600	2600	81	3300	68	81	54	60	3700
3	3200	9000	3000	4300	130	1700	330	63	120	59	55	2500
4	2900	9100	1600	4100	130	1900	190	70	120	52	60	630
5	3000	5900	1800	720	150	81	380	60	56	57	76	630
6	3100	6000	2000	690	110	86	390	67	61	54	63	660
7	2700	6100	1500	700	68	86	400	69	44	160	73	5400
8	2500	6000	4600	790	65	61	390	54	55	180	63	5300
9	680	5800	4300	590	70	67	480	59	53	52	61	5400
10	710	4000	3900	680	71	59	340	44	68	54	60	5300
11	710	5700	4200	750	64	78	340	820	82	160	53	5400
12	600	5700	6900	750	66	80	360	810	160	170	54	3200
13	910	4900	---	720	79	72	360	840	190	68	63	3200
14	2100	11000	5400	740	72	69	140	800	160	80	65	3300
15	2000	11000	1900	160	81	63	110	920	200	95	60	3200
16	2600	10000	2000	150	79	49	120	310	84	75	59	530
17	2800	11000	---	610	73	47	89	270	66	91	62	650
18	2700	11000	---	1800	78	56	89	270	82	90	59	410
19	4100	6700	6500	2500	70	56	89	110	59	77	43	420
20	4100	6800	7200	2700	69	47	110	120	68	76	40	390
21	4200	6700	7000	2600	67	43	120	110	60	56	41	2900
22	4700	6700	8600	500	70	50	100	100	130	57	71	2900
23	4900	7600	---	520	67	95	63	100	53	52	100	3000
24	7900	9500	---	510	62	85	92	110	56	58	98	2900
25	8300	9900	---	510	68	73	68	85	53	62	73	5400
26	9600	9900	---	260	86	79	63	86	53	51	79	5600
27	9600	9600	---	2700	110	110	70	130	56	56	61	5400
28	8000	6400	9100	2700	79	82	71	120	55	50	68	5400
29	7600	5200	---	2600	---	410	61	87	62	62	60	5500
30	8000	5300	4500	2500	---	3100	68	60	60	58	3100	6800
31	8200	---	4600	2700	---	3000	---	85	---	50	3300	---

07381450 LOWER GRAND RIVER AT BAYOU SORREL, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°09'40", long 91°20'14", in NE1/4 sec.34, T.10 S., R.11 E., Iberville Parish, Hydrologic Unit 08070300, at bridge on State Highway 75 spur in Bayou Sorrel.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1959-60, 1979 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: February 1980 to September 1982 (discontinued).
WATER TEMPERATURES: February 1980 to September 1982 (discontinued).

INSTRUMENTATION.--Water-quality monitor February 1980 to September 1982 (discontinued).

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 582 micromhos Feb. 3, 1981; minimum, 142 micromhos Mar. 30, 1980.
WATER TEMPERATURES: Maximum, 34.5°C July 6, 7, 1980; minimum, 5.5°C Jan. 15, 1982.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum, 32.0°C Aug. 26-30, Sept. 3; minimum, 5.5°C Jan. 15.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT										
26...	1100	247	502	7.6	19.5	5	40	8.2	1.2	K4000
DEC										
04...	1000	743	530	7.4	16.0	5	51	8.3	.9	K200
FEB										
17...	1030	4450	245	6.5	14.5	60	150	6.7	6.5	2400
APR										
02...	1115	1300	379	7.3	16.0	15	39	8.1	1.6	K400
JUN										
15...	1100	1110	452	7.3	29.0	80	40	6.0	4.0	350
AUG										
18...	1030	1320	374	6.9	31.0	30	30	4.6	5.3	200

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT										
26...	4300	190	47	17	31	3.4	136	64	26	.3
DEC										
04...	360	170	44	15	39	3.7	132	56	49	.3
FEB										
17...	K43000	61	15	5.6	17	4.1	47	18	28	.2
APR										
02...	880	140	38	12	20	3.2	97	41	25	.2
JUN										
15...	1100	160	41	13	29	4.1	109	49	37	.2
AUG										
18...	1800	130	34	10	23	4.2	98	27	30	.2

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT									
26...	3.6	282	274	1.1	.08	.85	.12	.07	.07
DEC									
04...	6.4	307	292	1.3	.06	.67	-	-	.07
FEB									
17...	6.9	144	123	.55	.18	.94	.25	.12	.11
APR									
02...	6.7	210	204	1.8	.08	.63	.14	.07	.07
JUN									
15...	6.7	283	245	2.0	.22	.90	.15	.09	.08
AUG									
18...	9.8	232	197		.06	.80	.24	.13	.12

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

MISSISSIPPI RIVER DELTA

07381450 LOWER GRAND RIVER AT BAYOU SORREL, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA)	BARIUM, DISSOLVED (UG/L AS BA)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	COBALT, DISSOLVED (UG/L AS CO)
OCT 26...	3	1	100	80	<1	<1	<10	10	3	<1
FEB 17...	4	3	100	55	<1	2	20	10	2	<1
APR 02...	1	1	100	73	1	<1	20	10	1	<1
JUN 15...	3	2	100	88	<1	1	10	<10	2	<1

DATE	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)
OCT 26...	13	5	1800	4	6	<1	60	5	<.1
FEB 17...	26	12	12000	110	11	<1	230	24	.1
APR 02...	4	5	2000	37	9	4	80	15	.1
JUN 15...	20	20	2600	10	9	2	110	12	.3

DATE	MERCURY DISSOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, TOTAL RECOVERABLE (UG/L AS AG)	SILVER, DISSOLVED (UG/L AS AG)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)
OCT 26...	<.1	5	1	<1	<1	<1	<1	100	6
FEB 17...	.2	16	2	<1	<1	<1	<1	90	16
APR 02...	<.1	4	3	<1	<1	<1	<1	10	15
JUN 15...	.1	11	5	<1	<1	<1	<1	120	20

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 26...	184	123	70
DEC 04...	176	353	100
APR 02...	129	453	92
JUN 15...	174	521	95
AUG 18...	150	535	93

< Actual value is known to be less than the value shown.

07381450 LOWER GRAND RIVER AT BAYOU SORREL, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	499	492	539	536	509	493	491	476	402	397	394	378
2	499	438	573	538	516	495	497	475	401	393	401	355
3	510	444	578	554	520	515	498	469	432	394	375	350
4	510	455	557	552	571	514	470	462	427	400	382	350
5	493	442	560	552	564	516	480	462	434	404	387	354
6	471	438	554	549	557	536	472	465	487	435	401	374
7	472	438	549	531	552	529	470	462	532	477	402	365
8	488	471	535	525	541	532	465	458	512	458	368	354
9	---	---	530	522	556	538	469	453	490	450	386	358
10	---	---	520	514	558	553	469	457	487	437	414	385
11	---	---	511	501	564	555	460	449	452	405	424	404
12	---	---	558	500	566	558	466	449	452	399	420	393
13	---	---	512	492	559	532	452	432	439	403	393	377
14	---	---	491	483	534	515	443	432	443	404	393	362
15	---	---	529	486	525	517	446	440	437	381	---	---
16	---	---	528	497	550	517	448	423	389	206	---	---
17	---	---	514	503	507	497	432	423	205	195	---	---
18	---	---	511	500	512	492	433	422	211	204	---	---
19	---	---	516	506	554	499	441	423	236	203	417	386
20	---	---	534	507	522	489	438	430	266	228	424	396
21	---	---	524	503	506	488	427	421	333	266	420	---
22	---	---	524	505	496	477	423	417	345	289	408	389
23	519	499	556	520	489	472	427	413	352	322	407	391
24	502	493	575	541	487	471	415	407	355	330	417	388
25	499	494	544	514	484	469	422	405	367	354	433	398
26	500	494	558	508	524	471	438	416	377	364	---	---
27	503	499	515	499	511	485	443	414	384	373	433	412
28	528	501	529	504	504	487	444	393	386	375	440	384
29	531	514	567	508	489	476	446	375	---	---	435	313
30	562	536	513	498	491	461	425	402	---	---	---	---
31	540	536	---	---	501	487	402	399	---	---	---	---

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	445	424					---	---	438	433
2	---	---	460	431					---	---	441	437
3	---	---	460	435					---	---	445	428
4	407	387	460	421					---	---	451	438
5	---	---	425	398					---	---	490	456
6	419	389	399	381					---	---	491	476
7	413	373	400	375					---	---	530	474
8	388	383	394	353					---	---	476	458
9	385	374	352	308					---	---	473	438
10	391	374	---	---					---	---	468	418
11	386	380	---	---					---	---	425	416
12	394	372	352	298					---	---	417	384
13	392	372	325	297					---	---	385	376
14	395	380	---	---					---	---	376	373
15	391	371	---	---					---	---	386	372
16	376	369	---	---					---	---	392	378
17	383	368	---	---					---	---	408	389
18	377	366	427	391					---	---	411	383
19	381	369	---	---					---	---	419	407
20	411	374	---	---					383	299	448	411
21	425	382	---	---					357	344	464	420
22	401	349	---	---					369	341	491	437
23	363	270	---	---					370	333	462	422
24	280	252	---	---					380	349	465	437
25	293	249	---	---					419	369	475	457
26	351	289	---	---					437	418	469	383
27	374	329	---	---					457	415	381	369
28	408	356	---	---					422	402	384	371
29	424	394	---	---					420	406	382	358
30	432	405	---	---					431	429	361	350
31	---	---	---	---					444	425	---	---

MISSISSIPPI RIVER DELTA

07381450 LOWER GRAND RIVER AT BAYOU SORREL, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.5	27.0	20.0	19.5	19.0	18.5	10.5	10.5	10.0	9.5	12.5	11.5
2	27.5	27.0	20.0	20.0	18.5	17.5	11.0	10.5	10.0	8.5	12.5	11.5
3	27.0	26.5	20.0	20.0	17.5	17.5	12.0	11.0	9.5	8.5	12.5	11.5
4	27.0	26.5	21.0	20.0	17.5	16.5	12.5	12.0	9.0	8.5	13.0	11.5
5	27.0	26.5	21.0	20.5	16.5	15.5	12.0	11.5	10.0	9.0	13.0	12.0
6	27.0	26.5	20.5	20.5	15.5	15.0	12.0	11.0	10.5	10.0	12.5	11.5
7	27.5	26.5	20.5	20.0	15.0	14.5	13.0	12.0	10.0	9.5	11.5	10.5
8	27.0	26.5	20.0	19.5	16.0	15.0	12.5	12.0	10.0	9.5	11.0	9.5
9	---	---	19.5	19.0	15.5	15.0	11.5	11.0	10.5	10.0	11.5	10.0
10	---	---	19.0	18.5	15.0	14.5	11.5	10.0	10.0	9.5	12.5	11.0
11	---	---	18.5	18.0	14.5	14.0	9.5	8.0	10.0	9.0	13.0	12.0
12	---	---	18.0	17.5	14.0	13.5	7.5	7.0	10.0	9.5	13.5	12.5
13	---	---	17.5	17.0	13.5	13.0	7.5	6.5	10.0	9.0	14.5	13.0
14	---	---	17.5	17.0	13.0	12.0	6.5	6.0	9.0	8.5	15.0	14.0
15	---	---	17.5	17.0	12.5	11.5	6.0	5.5	9.0	8.0	16.5	15.0
16	---	---	17.5	17.0	11.5	10.5	7.0	6.0	14.0	8.0	17.0	16.0
17	---	---	17.5	17.0	11.5	10.5	6.5	6.0	15.5	14.0	---	---
18	---	---	18.0	17.5	11.0	10.0	7.5	6.5	16.5	15.5	---	---
19	---	---	18.5	17.5	10.0	9.5	9.0	7.5	16.5	16.0	19.5	18.5
20	---	---	18.0	17.0	9.5	8.5	10.0	9.0	17.0	16.5	20.5	19.5
21	---	---	17.0	16.0	9.0	8.5	11.5	10.0	16.5	16.0	21.0	20.5
22	---	---	16.0	15.5	10.0	9.0	12.0	10.5	16.5	16.0	21.0	20.0
23	22.0	21.0	16.0	15.5	11.0	10.0	13.0	12.5	16.5	16.0	20.0	19.0
24	21.0	20.0	16.5	16.0	11.0	10.0	13.0	12.5	17.0	16.0	19.0	18.5
25	20.0	19.5	16.5	16.0	10.0	9.0	13.0	12.5	16.5	16.0	20.0	18.5
26	20.0	19.5	17.0	16.0	10.0	9.0	13.0	12.0	16.0	14.5	19.0	18.5
27	19.5	19.0	18.0	16.5	10.5	10.0	12.0	11.0	14.5	13.0	18.5	17.0
28	19.5	18.5	18.5	17.5	11.0	10.0	12.0	11.0	13.0	12.0	16.5	15.0
29	19.5	19.0	18.5	18.0	11.0	10.0	11.0	10.0	---	---	15.0	14.0
30	19.5	19.0	19.0	18.0	10.5	9.5	11.0	10.0	---	---	15.0	14.5
31	20.0	19.5	---	---	11.0	9.5	11.0	10.5	---	---	15.0	14.5

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	16.0	15.0	23.0	22.5	30.0	29.0	28.5	27.5	---	---	31.5	30.0
2	17.0	15.5	24.0	22.5	30.0	29.0	29.0	28.0	---	---	31.5	30.5
3	---	---	24.0	23.0	30.0	29.0	30.0	28.5	---	---	32.0	30.0
4	18.5	17.5	24.0	23.0	30.0	29.5	30.5	29.5	---	---	31.5	30.0
5	---	---	24.0	23.0	30.5	29.5	31.0	30.0	---	---	31.0	30.0
6	18.5	18.0	23.5	22.5	30.5	29.5	31.0	30.0	---	---	31.0	30.0
7	18.0	17.5	23.5	22.5	30.5	29.5	31.5	30.5	---	---	30.5	30.0
8	18.0	17.5	23.0	22.0	30.5	29.5	31.0	30.5	---	---	30.5	29.0
9	18.5	17.5	23.5	21.5	30.0	29.5	31.0	30.5	---	---	29.5	29.0
10	18.0	17.0	24.0	22.5	30.5	29.5	31.5	30.5	---	---	29.0	24.5
11	17.5	16.5	24.0	23.0	30.5	29.5	31.0	30.5	---	---	29.0	25.0
12	17.5	16.5	24.0	23.0	30.0	29.5	31.5	30.5	---	---	28.5	25.0
13	19.0	17.0	24.0	23.5	29.5	29.0	31.0	29.5	---	---	28.5	25.0
14	18.5	17.5	24.0	23.5	29.5	28.5	31.0	30.5	---	---	28.5	25.0
15	19.0	18.0	24.5	23.5	29.5	28.5	30.5	30.5	---	---	29.0	25.0
16	19.5	18.5	25.0	23.5	29.5	28.5	31.0	30.0	---	---	29.5	25.0
17	19.5	19.0	25.0	24.0	29.0	28.0	---	---	---	---	29.5	25.5
18	20.0	19.0	24.5	24.0	28.5	28.0	---	---	---	---	29.5	26.0
19	19.5	19.0	25.0	24.0	28.5	28.0	---	---	---	---	30.0	29.0
20	21.5	19.5	25.5	24.0	29.0	28.0	---	---	---	---	30.0	29.0
21	21.0	20.0	26.0	25.0	28.5	28.0	---	---	31.0	29.5	29.5	25.0
22	20.0	18.0	27.0	25.5	29.5	28.0	---	---	31.0	30.0	28.5	25.0
23	19.0	18.5	27.0	26.0	29.5	28.5	---	---	31.0	30.0	27.0	25.5
24	19.0	18.0	27.0	26.0	30.0	28.5	---	---	31.0	30.0	26.5	25.0
25	19.0	18.0	27.0	26.5	29.0	28.5	---	---	31.5	30.0	26.5	25.0
26	20.5	19.0	27.5	26.5	29.0	28.5	---	---	32.0	30.0	26.0	25.0
27	21.5	20.0	28.0	27.0	28.0	27.5	---	---	32.0	30.0	26.0	25.0
28	22.0	21.0	28.5	27.5	27.5	27.0	---	---	32.0	30.0	26.0	25.0
29	22.5	21.5	29.0	28.0	28.0	27.0	---	---	32.0	30.0	26.0	25.5
30	23.0	22.0	29.5	28.5	28.5	27.0	---	---	32.0	30.0	26.0	25.0
31	---	---	30.5	29.0	---	---	---	---	31.5	30.0	---	---

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA

LOCATION.--Lat 30°26'33", long 91°27'06", in SW1/4 sec.27, T.7 S., R.10 E., Iberville Parish, Hydrologic Unit 08070300, at bridge on State Highway 76, at Rosedale.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1960, 1969, 1978 to current year.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
OCT								
15...	1130	364	7.1	25.0	5	3.0	2.4	3.7
JAN								
05...	1000	403	7.1	12.5	5	7.0	4.2	2.6
APR								
12...	0830	396	7.3	18.0	20	10	4.2	4.3
JUL								
20...	1110	291	6.8	29.5	15	5.0	4.6	4.3

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)
OCT									
15...	160	14000	120	29	11	29	4.7	138	22
JAN									
05...	130	800	110	28	9.7	42	4.5	159	19
APR									
12...	520	420	170	45	14	15	4.2	165	21
JUL									
20...	540	2000	110	29	9.9	13	4.2	116	11

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT								
15...	11	.2	11	218	201	.14	1.1	.34
JAN								
05...	13	.2	7.6	240	219	.25	.52	.18
APR								
12...	9.5	.2	7.6	220	216	.10	.67	.15
JUL								
20...	8.0	.2	8.4	177	154	<.10	1.6	.21

< Actual value is known to be less than the value shown.

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT											
15...	16	<1	1	<1	8	<1	5	14	3	8700	<1

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	PCB, TOTAL (UG/L)
OCT											
15...	20	190	280	1.8	<.01	8	52	8.1	<.01	<1	<.10

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
15...	1	<.1	<1.0	<.01	<.1	<.1	2.0	<.01	.5	<.01	.6

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
15...	<.01	<.1	.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
15...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
15...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATERIL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
15...	<.01	<.10	<.1	<1.0	<.01	<.1	.14	<.01	.02	.01

< Actual value is known to be less than the value shown.

295500091100000 LAKE VERRET NEAR PIERRE PART, LA

LOCATION.--Lat 29°55'00", long 91°10'00", in T.13 S., R.13 E., Assumption Parish, Hydrologic Unit 08090302, 1.2 mi (1.9 km) northwest of landing at State Highway 1016-1, 4.3 mi (6.9 km) southeast of Pierre Part.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water year 1975, 1979 to current year.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (FTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)
OCT								
21...	1200	400	8.9	20.5	30	10	13.0	5.3
JAN								
07...	1000	433	7.5	12.0	15	20	9.8	3.5
APR								
01...	1025	361	8.2	20.0	30	10	13.1	3.6
JUL								
02...	1015	349	8.9	29.0	20	5.0	12.0	7.5

DATE	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)
OCT									
21...	<10	1200	130	34	11	27	3.6	105	34
JAN									
07...	K13	410	140	36	12	34	4.1	105	40
APR									
01...	<5	440	130	35	9.8	25	3.9	92	25
JUL									
02...	<4	K240	110	30	9.1	21	3.4	93	22

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT								
21...	33	.2	7.3	220	213	.04	.96	.18
JAN								
07...	43	.2	6.6	260	239	.53	.44	.07
APR								
01...	34	.2	1.7	195	190	.03	.95	.07
JUL								
02...	24	.2	7.7	199	178	<.10	2.00	.21

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

295500091100000 LAKE VERRET NEAR PIERRE PART, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)
OCT											
21...	<1	<1	3	5	2200	<10	160	<.01	15	8.8	<.01

DATE	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)
OCT											
21...	<.10	3	<.1	<1.0	<.01	<.1	<.1	3.0	<.01	.5	<.01

DATE	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
21...	.8	<.01	<.1	.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATERIL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
21...	<.01	<.10	<.1	<1.0	<.01	<.1	.13	<.01	<.01	.03

< Actual value is known to be less than the value shown.

295030091055600 LAKE VERRET NEAR GEORGIA, LA

LOCATION.--Lat 29°50'30", long 91°05'56", in T.14 S., R.13 E., Assumption Parish, Hydrologic Unit 08090302, 0.6 mi (1.0 km) from landing at State Highway 401 and 6.7 mi (10.8 km) east of Georgia.

DRAINAGE AREA--Not determined.

PERIOD OF RECORD.--Water years 1980 to current year.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (FTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)
OCT								
21...	1230	380	8.9	19.5	30	8.0	12.0	5.7
JAN								
07...	0930	470	7.8	12.5	5	5.0	12.2	4.6
APR								
01...	1010	353	8.4	19.5	30	10	13.6	4.9
JUL								
02...	1030	329	8.0	29.0	20	6.0	15.3	6.9

DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)
OCT									
21...	<10	1400	130	33	11	26	3.5	102	30
JAN									
07...	<7	1200	150	38	13	36	3.5	108	48
APR									
01...	<5	1300	110	30	8.9	23	4.2	90	25
JUL									
02...	K8	120	110	26	11	23	3.3	81	26

DATE	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT								
21...	30	.2	8.1	207	203	.04	1.1	.21
JAN								
07...	43	.2	4.4	268	251	.29	.81	.05
APR								
01...	36	.2	1.2	216	182	.02	1.2	.08
JUL								
02...	33	.2	8.0	201	180	<.10	2.1	.17

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

295030091055600 LAKE VERRET NEAR GEORGIA, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)
OCT 21...	<1	<1	2	7	4100	<10	190	<.01	18	10	<.01

DATE	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)
OCT 21...	<.10	9	<.10	<1.	<.01	<.1	<.1	3.0	<.01	<.1	<.01

DATE	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 21...	.2	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATERIL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 21...	<.01	<.10	<.1	<1.0	<.01	<.1	.15	<.01	<.01	.02

< Actual value is known to be less than the value shown.

294301091105700 LAKE PALOURDE AT MORGAN CITY, LA

LOCATION.--Lat 29°43'01", long 91°10'57", in T.15 S., R.12 E., St. Mary Parish, Hydrologic Unit 08090302, 3.0 mi (4.8 km) from State Highway 2 and 1.0 mi (1.6 km) east of Morgan City.

DRAINAGE AREA--Indeterminate.

PERIOD OF RECORD.--Water years 1975, 1979 to current year.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (FTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)
OCT 21...	1000	410	8.8	19.5	20	8.0	11.6	4.5
JAN 07...	1100	474	8.1	18.0	5	7.0	11.8	4.2
APR 01...	0905	360	8.2	20.0	30	10	12.8	--
JUL 02...	0900	333	8.4	30.0	10	4.0	9.8	7.3

DATE	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)
OCT 21...	<7	1700	130	34	11	24	3.5	102	39
JAN 07...	<7	K2500	150	39	13	34	3.1	114	50
APR 01...	K20	560	120	32	9.4	23	3.7	92	30
JUL 02...	K10	K48	130	35	11	23	3.6	98	23

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 21...	35	.2	6.9	222	215	.04	.81	.15
JAN 07...	43	.2	4.4	271	255	.53	.49	.04
APR 01...	35	.2	2.8	229	191	.06	1.1	.09
JUL 02...	33	.2	7.2	219	195	<.10	2.3	.27

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

294301091105700 LAKE PALOURDE AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)
OCT											
21...	<1	<1	2	6	2000	<10	96	<.01	10	7.4	<.01

DATE	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR, TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)
OCT											
21...	<.10	3	<.1	<1.0	<.01	<.1	<.1	<1.0	<.01	<.1	<.01

DATE	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
21...	.5	<.01	.0	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATERIL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
21...	<.01	<.10	<.1	<1.0	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

07381330 INTRACOASTAL WATERWAY AT HOUMA, LA (CE 76320)

LOCATION.--Lat 29°35'55", long 90°42'36", in sec.8, T.17 S., R.17 E., Terrebonne Parish, Hydrologic Unit 08090302, at State Highway 24 bridge at Houma.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1960, 1978 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: June 1981 to current year.
CHLORIDE: October 1980 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 31.0°C Oct. 8, 1981, July 7, 1982.
CHLORIDE: Maximum daily, 8,100 mg/L Nov. 18, 1981; minimum daily, 30 mg/L June 15, 1981, Feb. 3, Mar. 14, Apr. 7, 8, 23, 1982.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A chloride concentration of 16 mg/L was observed Apr. 30, 1980.

EXTREMES FOR CURRENT YEAR.--
CHLORIDE: Maximum daily, 1,400 mg/L Oct. 28; minimum daily, 30 mg/L Feb. 3, Mar. 14, Apr. 7, 8, 23.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.0	27.0							---	28.0	29.0	29.0
2	27.0	27.0							---	28.0	29.0	29.0
3	28.0	27.0							---	29.0	29.0	29.0
4	28.0	27.0							---	30.0	29.0	29.0
5	28.0	27.0							---	30.0	29.0	29.0
6	28.0	27.0							---	30.0	29.0	29.0
7	28.0	27.0							---	31.0	29.0	29.0
8	31.0	27.0							30.0	30.0	29.0	29.0
9	29.0	27.0							29.0	30.0	29.0	29.0
10	29.0	27.0							29.0	30.0	28.0	29.0
11	29.0	27.0							29.0	30.0	28.0	29.0
12	29.0	26.0							29.0	30.0	28.0	29.0
13	29.0	26.0							30.0	30.0	28.0	29.0
14	29.0	26.0							29.0	30.0	28.0	29.0
15	29.0	25.0							29.0	30.0	28.0	29.0
16	29.0	26.0							29.0	30.0	28.0	29.0
17	30.0	26.0							29.0	30.0	27.0	29.0
18	30.0	26.0							29.0	30.0	28.0	29.0
19	30.0	26.0							29.0	30.0	28.0	29.0
20	30.0	25.0							29.0	29.0	28.0	27.0
21	30.0	26.0							29.0	29.0	27.0	27.0
22	28.0	26.0							28.0	29.0	28.0	26.0
23	28.0	25.0							28.0	29.0	28.0	25.0
24	28.0	25.0							28.0	29.0	28.0	25.0
25	28.0	25.0							28.0	29.0	29.0	25.0
26	28.0	25.0							28.0	29.0	29.0	24.0
27	27.0	25.0							28.0	29.0	29.0	24.0
28	27.0	25.0							28.0	29.0	29.0	24.0
29	27.0	26.0							28.0	29.0	29.0	24.0
30	27.0	26.0							28.0	29.0	29.0	24.0
31	27.0	---							---	29.0	29.0	---

07381330 INTRACOASTAL WATERWAY AT HOUMA, LA (CE 76320)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76	160	91	---	68	76	41	41	44	50	40	49
2	74	190	86	---	32	38	35	45	44	50	43	48
3	76	270	87	---	30	47	33	45	36	52	44	46
4	73	280	85	---	40	48	32	44	44	54	40	46
5	130	300	85	120	44	42	34	42	46	52	44	48
6	110	240	87	120	48	40	32	45	42	52	42	46
7	---	240	---	120	45	34	30	48	41	51	44	50
8	120	240	92	120	45	33	30	44	51	53	40	43
9	120	230	95	86	48	50	32	41	48	54	37	52
10	110	91	96	84	50	36	32	46	50	56	38	49
11	110	68	94	85	66	42	36	56	52	58	48	50
12	110	87	76	77	46	33	36	41	95	52	44	46
13	100	89	90	82	46	41	36	---	51	56	34	46
14	110	88	96	68	50	30	34	49	48	59	34	250
15	110	83	85	70	46	---	34	46	46	54	32	230
16	220	82	86	100	72	36	35	40	48	52	34	49
17	450	80	90	88	46	33	32	---	44	54	41	48
18	500	80	90	72	40	36	32	38	45	52	56	50
19	220	100	93	60	43	36	43	46	48	49	57	45
20	380	89	110	67	38	36	32	46	48	44	42	46
21	400	88	110	58	39	39	32	44	39	46	44	60
22	380	92	---	52	53	39	36	41	44	51	46	72
23	250	89	---	54	51	38	30	50	90	50	49	60
24	250	96	---	52	60	38	34	44	180	50	47	60
25	---	96	---	54	42	38	31	44	59	46	55	62
26	250	86	---	55	79	36	33	35	150	47	56	80
27	1300	88	---	69	47	36	44	45	50	48	62	64
28	1400	91	---	64	80	36	42	42	44	61	60	70
29	160	88	---	60	---	36	40	42	42	63	56	69
30	170	85	---	59	---	46	40	46	54	60	49	74
31	170	---	---	60	---	46	---	39	---	58	53	---

293313090360500 BAYOU TERREBONNE AT BOURG, LA (CE 76403)

LOCATION.--Lat 29°33'13", long 90°36'05", T.17 S., R.18 E., Terrebonne Parish, Hydrologic Unit 08090302, .2 mi (.4 km) downstream of Company Canal, at Bourg.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to November 1978, March 1980 to current year.
CHLORIDE-SURFACE: October 1974 to November 1978, November 1979 to current year.
CHLORIDE-10 FT DEPTH: October 1975 to November 1978, November 1979 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey. Samples are collected at the water surface and at a 10-ft (3.0 m) depth.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.0°C July 4, 5, 1978, July 23, 1981; minimum daily, 3.0°C Jan. 15, 1978.
CHLORIDE-SURFACE: Maximum observed, 7,500 mg/L Mar. 30, 1977; minimum daily, 14 mg/L May 31, 1975.
CHLORIDE-10 FT DEPTH: Maximum daily, 7,700 mg/L May 19, 1981; minimum daily, 14 mg/L Mar. 5, 1978.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 30.0°C July 23, Aug., 24, Sept. 20; minimum daily, 7.0°C Jan. 12, 14, 15, 17.
CHLORIDE-SURFACE: Maximum daily, 6,400 mg/L Dec. 23, 24; minimum daily, 30 mg/L Apr. 8, 10, 25.
CHLORIDE-10 FT DEPTH: Maximum daily, 6,400 mg/L Dec. 23; minimum daily, 32 mg/L Apr. 6, 10, 18.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.0	20.0	20.0	---	13.0	15.0	21.0	24.0	---	28.0	---	29.0
2	25.0	20.0	18.0	---	14.0	16.0	21.0	25.0	29.0	27.0	---	29.0
3	24.0	20.0	17.0	---	14.0	16.0	21.0	25.0	29.0	28.0	27.0	29.0
4	25.0	20.0	17.0	---	14.0	17.0	20.0	25.0	29.0	29.0	27.0	28.0
5	25.0	20.0	17.0	17.0	13.0	17.0	22.0	24.0	28.0	29.0	27.0	27.0
6	25.0	20.0	17.0	18.0	13.0	15.0	19.0	24.0	29.0	29.0	27.0	27.0
7	25.0	19.0	18.0	19.0	12.0	14.0	19.0	24.0	29.0	29.0	27.0	27.0
8	25.0	19.0	18.0	19.0	14.0	14.0	19.0	22.0	28.0	29.0	27.0	27.0
9	25.0	---	16.0	15.0	13.0	14.0	18.0	23.0	29.0	29.0	27.0	25.0
10	25.0	19.0	16.0	14.0	---	15.0	18.0	24.0	29.0	29.0	27.0	26.0
11	25.0	19.0	16.0	9.0	11.0	15.0	12.0	23.0	28.0	28.0	26.0	26.0
12	25.0	19.0	16.0	7.0	11.0	15.0	12.0	24.0	29.0	28.0	25.0	27.0
13	26.0	19.0	16.0	8.0	10.0	16.0	19.0	24.0	29.0	28.0	25.0	27.0
14	26.0	18.0	16.0	7.0	11.0	17.0	20.0	24.0	28.0	28.0	25.0	29.0
15	26.0	18.0	15.0	7.0	13.0	18.0	21.0	24.0	28.0	28.0	25.0	28.0
16	26.0	19.0	13.0	9.0	14.0	20.0	22.0	24.0	29.0	28.0	25.0	28.0
17	26.0	19.0	13.0	7.0	14.0	21.0	22.0	24.0	28.0	28.0	29.0	28.0
18	25.0	20.0	13.0	8.0	15.0	22.0	20.0	24.0	28.0	28.0	29.0	29.0
19	22.0	20.0	14.0	12.0	14.0	22.0	21.0	---	28.0	28.0	28.0	29.0
20	23.0	17.0	8.0	13.0	14.0	22.0	22.0	---	29.0	29.0	28.0	30.0
21	22.0	16.0	9.0	13.0	14.0	23.0	21.0	---	29.0	29.0	28.0	21.0
22	22.0	16.0	12.0	17.0	15.0	22.0	21.0	---	29.0	29.0	28.0	22.0
23	22.0	16.0	13.0	18.0	16.0	20.0	17.0	---	29.0	30.0	29.0	22.0
24	19.0	16.0	13.0	14.0	17.0	20.0	17.0	---	28.0	29.0	30.0	23.0
25	19.0	17.0	12.0	14.0	17.0	21.0	18.0	---	28.0	29.0	28.0	23.0
26	18.0	17.0	12.0	13.0	17.0	19.0	19.0	27.0	28.0	29.0	28.0	23.0
27	19.0	19.0	13.0	12.0	15.0	18.0	23.0	27.0	28.0	29.0	28.0	22.0
28	17.0	19.0	15.0	14.0	14.0	18.0	23.0	28.0	28.0	29.0	29.0	23.0
29	17.0	19.0	15.0	14.0	---	19.0	24.0	29.0	28.0	29.0	28.0	24.0
30	20.0	19.0	---	14.0	---	20.0	24.0	29.0	28.0	29.0	29.0	24.0
31	20.0	---	---	13.0	---	20.0	---	29.0	---	29.0	29.0	---

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
SAMPLING DEPTH 5.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	100	1000	220	---	60	54	51	49	44	44	---	52
2	100	960	150	---	70	48	52	42	42	48	---	47
3	89	960	150	---	71	49	46	44	42	44	50	48
4	93	660	140	---	66	50	40	54	40	48	44	46
5	96	440	140	---	58	59	---	50	40	54	38	46
6	92	490	130	300	54	44	41	48	43	50	42	46
7	78	440	130	300	50	42	40	48	48	50	44	46
8	76	440	120	240	54	32	30	44	44	54	44	46
9	77	---	120	170	55	38	34	46	44	53	46	50
10	76	190	120	130	---	42	30	48	42	50	46	51
11	86	220	130	150	53	42	32	80	48	50	38	54
12	76	230	120	140	48	36	32	46	48	56	34	52
13	60	250	120	---	46	41	36	44	49	56	38	76
14	130	260	120	---	48	39	39	64	50	54	38	94
15	100	290	110	---	52	40	36	66	50	54	40	94
16	200	780	140	75	50	58	34	46	50	52	36	650
17	230	600	140	80	50	48	36	44	48	51	54	610
18	190	1100	170	78	50	47	39	42	46	54	54	780
19	190	1100	150	80	50	60	36	---	46	52	52	200
20	150	360	160	78	48	48	39	---	50	41	48	97
21	140	160	160	79	41	40	36	---	50	46	51	90
22	150	190	5500	66	40	38	42	---	40	46	54	66
23	160	160	6400	69	42	44	42	---	70	45	47	71
24	250	160	6400	65	50	42	46	---	46	48	49	66
25	240	120	---	56	46	38	30	---	54	45	49	71
26	3400	120	540	62	52	38	45	38	45	46	42	61
27	440	110	520	63	45	41	41	38	42	52	49	60
28	360	120	520	66	49	40	36	42	46	53	49	56
29	340	120	560	58	---	42	45	41	44	54	50	62
30	660	140	---	58	---	52	41	40	44	59	54	61
31	640	---	---	59	---	71	---	44	---	60	54	---

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
SAMPLING DEPTH 10.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	92	1000	260	---	58	55	54	46	43	48	---	58
2	90	960	140	---	73	46	54	48	---	47	---	50
3	86	---	150	---	68	50	40	40	40	50	51	50
4	89	700	140	---	62	70	43	60	40	52	49	50
5	100	460	140	310	58	62	43	50	40	54	38	48
6	93	460	130	290	50	40	32	48	44	54	42	52
7	78	460	130	300	51	40	36	50	45	54	46	49
8	78	440	120	240	53	35	36	41	45	56	44	52
9	77	---	120	180	56	36	34	50	45	53	50	54
10	81	200	120	120	---	46	32	48	42	54	46	64
11	90	220	130	150	54	44	36	76	50	58	42	58
12	76	220	120	120	46	40	34	47	50	64	40	59
13	66	260	130	---	48	38	36	42	46	60	42	78
14	130	250	110	---	48	55	39	66	53	56	38	95
15	100	280	120	---	57	42	42	64	53	54	40	97
16	200	800	140	89	42	36	38	44	52	53	41	670
17	230	840	160	80	50	49	40	42	48	52	56	680
18	190	1200	150	76	50	45	32	41	46	52	55	830
19	---	1200	150	80	52	48	48	---	50	54	52	200
20	150	440	160	76	49	61	36	---	54	44	46	98
21	150	200	160	76	44	44	35	---	50	50	54	94
22	150	190	5700	68	44	38	47	---	52	48	54	67
23	170	170	6400	73	41	42	43	---	50	50	52	74
24	250	180	---	64	50	38	45	---	46	52	47	73
25	230	140	---	70	50	46	46	40	49	46	50	77
26	3500	120	580	59	53	42	40	38	47	48	55	66
27	650	120	520	63	52	44	40	40	46	54	50	56
28	360	120	---	68	54	---	75	40	46	56	49	59
29	340	120	---	58	---	42	40	46	48	56	54	68
30	750	140	---	58	---	49	44	44	46	66	56	65
31	720	---	---	62	---	85	---	46	---	66	54	---

292258090425500 BAYOU GRAND CAILLOU AT DULAC, LA (CE 76323)
(Formerly published as 292700090420000 Bayou Grand Caillou near Dulac, LA (CE 76323))

LOCATION.--Lat 29°22'58", long 90°42'55", T.19 S., R.17 E., Terrebonne Parish, Hydrologic Unit 08090302, 0.8 mi (1.3 km) south of Dulac at bridge.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1977 to November 1978, March 1980 to current year.
CHLORIDE: October 1974 to November 1978, November 1979 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 36.0°C Oct. 10, Nov. 1, 8, 17, 21, 1977, May 25, July 1, 1978; minimum daily, 6.0°C Dec. 25, 1980, Feb. 5, 12, 1981.
CHLORIDE: Maximum daily, 18,000 mg/L Nov. 2, 1974; minimum daily, 14 mg/L Aug. 6, 1975.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 32.0°C June 18, July 27; minimum daily, 9.0°C Jan. 19.
CHLORIDE: Maximum daily, 9,500 mg/L Sept. 30; minimum daily, 40 mg/L Apr. 19.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.0	20.0	24.0	17.0	11.0	12.0	22.0	22.0	30.0	28.0	---	---
2	29.0	20.0	20.0	18.0	13.0	15.0	21.0	23.0	30.0	---	30.0	---
3	31.0	20.0	22.0	18.0	12.0	11.0	21.0	23.0	30.0	---	30.0	---
4	29.0	19.0	19.0	16.0	14.0	14.0	22.0	22.0	30.0	---	28.0	---
5	27.0	18.0	17.0	---	14.0	14.0	20.0	24.0	30.0	28.0	28.0	---
6	27.0	18.0	17.0	---	13.0	12.0	19.0	24.0	30.0	28.0	28.0	---
7	25.0	22.0	15.0	---	11.0	12.0	18.0	23.0	28.0	28.0	27.0	---
8	25.0	21.0	18.0	---	10.0	14.0	23.0	22.0	28.0	28.5	28.0	---
9	24.0	20.0	19.0	---	10.0	16.0	24.0	24.0	28.0	28.5	28.0	---
10	25.0	23.0	15.0	---	10.0	10.0	17.0	22.0	28.0	30.0	28.0	---
11	26.0	23.0	18.0	---	14.0	12.0	17.0	---	28.0	30.0	28.0	---
12	27.0	21.0	17.0	---	14.0	14.0	16.0	---	---	30.0	28.0	---
13	---	20.0	17.0	---	15.0	15.0	19.0	---	30.0	30.0	28.0	30.0
14	---	22.0	18.0	---	10.0	17.0	21.0	---	30.0	30.0	28.0	30.0
15	---	18.0	22.0	---	12.0	20.0	23.0	---	30.0	30.5	28.0	30.0
16	23.0	19.0	20.0	11.0	14.0	---	23.0	---	30.0	30.5	28.0	30.0
17	25.0	18.0	19.0	11.0	16.0	---	22.0	---	29.0	30.5	28.0	29.0
18	23.0	16.0	12.0	10.0	15.0	---	21.0	---	32.0	30.0	30.0	29.0
19	25.0	15.0	11.0	9.0	15.0	---	21.0	---	---	28.0	30.0	29.0
20	28.0	17.0	11.0	11.0	14.0	---	23.0	---	---	28.0	30.0	29.0
21	27.0	16.0	10.0	14.0	16.0	---	22.0	---	---	28.0	30.0	29.0
22	22.0	16.0	12.0	16.0	15.0	21.0	17.0	---	---	28.0	30.0	24.0
23	---	17.0	12.0	15.0	16.0	19.0	17.0	---	---	28.0	28.0	24.0
24	---	19.0	10.0	15.0	17.0	20.0	18.0	---	27.0	30.5	28.0	24.0
25	15.0	22.0	15.0	13.0	18.0	21.0	22.0	28.0	28.0	30.0	27.0	24.0
26	19.0	20.0	11.0	15.0	17.0	18.0	21.0	28.0	28.0	30.0	30.0	24.0
27	14.0	22.0	10.0	17.0	14.0	15.0	22.0	28.0	28.0	32.0	30.0	24.0
28	16.0	23.0	13.0	14.0	10.0	14.0	22.0	28.0	28.0	28.0	---	26.0
29	22.0	23.0	15.0	14.0	---	14.0	21.0	28.0	27.0	30.0	28.0	26.0
30	23.0	22.0	10.0	15.0	---	17.0	23.0	28.0	27.0	30.0	---	26.0
31	23.0	---	14.0	12.0	---	19.0	---	28.0	---	30.0	---	---

292258090425500 BAYOU GRAND CAILLOU AT DULAC, LA (CE 76323)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1200	3400	560	1300	2300	99	170	62	1100	240	---	---
2	1200	3300	540	1200	430	98	240	57	1200	---	440	---
3	1200	920	550	1200	260	100	72	85	1400	---	440	---
4	1200	890	550	1300	180	82	90	65	1200	---	440	---
5	1200	910	580	---	130	82	47	70	1200	310	440	---
6	1700	900	560	---	130	62	53	55	1200	310	440	---
7	1300	950	560	---	120	46	42	51	1100	310	460	---
8	1200	1000	2100	---	130	55	47	64	1200	310	460	---
9	1200	930	2200	---	160	56	52	63	1600	310	480	---
10	1200	910	2100	---	140	59	97	91	1200	310	480	---
11	1200	950	2100	---	73	54	100	---	1400	310	490	---
12	1200	920	2100	---	75	53	120	---	---	310	490	---
13	---	960	2000	---	78	51	52	---	1200	300	490	8500
14	---	940	2000	---	73	50	77	---	1300	330	490	7500
15	---	910	2100	---	71	58	53	---	1200	310	500	6200
16	4700	940	2100	340	110	---	41	---	4300	310	490	3300
17	4700	740	2100	340	110	---	46	---	4300	300	490	2200
18	4600	1200	2100	330	83	---	44	---	4300	310	510	3700
19	4700	900	2100	120	100	---	40	---	---	320	510	1900
20	4700	940	2100	120	91	---	43	---	---	320	500	1100
21	4800	500	2100	120	99	---	60	---	---	300	530	1800
22	4600	460	1200	120	95	62	82	---	---	300	500	5900
23	4700	360	1200	120	57	61	81	---	---	310	500	5900
24	4700	440	1200	120	58	62	100	---	630	300	510	7000
25	4700	420	1200	120	62	96	60	1600	270	290	540	7400
26	4500	400	1200	2200	67	50	61	78	270	580	510	5600
27	4500	450	1200	2300	70	100	62	3500	330	290	510	4100
28	4400	420	890	2300	88	95	69	3500	240	290	---	6500
29	3400	420	1200	2200	---	95	77	3500	310	280	500	7000
30	3400	440	1300	2300	---	150	54	3500	250	280	---	9500
31	3400	---	1200	2400	---	310	---	3600	---	300	---	---

292300090370000 BAYOU PETIT CAILLOU NEAR BOUDREAUX CANAL, NEAR DULAC, LA (CE 76303)

LOCATION.--Lat 29°23'00", long 90°37'00", T.19 S., R.18 E., Terrebonne Parish, Hydrologic Unit 08090302, 5.7 mi (9.2 km) east of Dulac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to November 1978, November 1979 to current year.
CHLORIDE: October 1974 to November 1978, November 1979 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 35.0°C July 4-6, 1978; minimum daily, 3.5°C Jan. 20, 1977.
CHLORIDE: Maximum daily, 9,600 mg/L Mar. 30, 1981, Oct. 26, 1981; minimum daily, 12 mg/L Aug. 2, 12, 1975.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 33.0°C Aug. 27-29; minimum daily, 6.0°C Jan. 17.
CHLORIDE: Maximum daily, 9,600 mg/L Oct. 26; Minimum daily, 720 mg/L May 8.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	21.0	19.0	19.0	14.0	13.0	22.0	25.0	30.0	31.0	28.0	---
2	24.0	21.0	19.0	19.0	14.0	13.0	22.0	25.0	30.0	31.0	28.0	---
3	25.0	21.0	14.0	---	14.0	14.0	22.0	25.0	30.0	31.0	30.0	---
4	25.0	21.0	17.0	18.0	13.0	17.0	22.0	25.0	30.0	31.0	30.0	---
5	25.0	21.0	16.0	16.0	13.0	17.0	22.0	25.0	30.0	31.0	30.0	---
6	25.0	21.0	14.0	18.0	11.0	16.0	21.0	25.0	30.0	31.0	30.0	---
7	25.0	19.0	15.0	18.0	11.0	14.0	18.0	25.0	30.0	31.0	30.0	---
8	25.0	20.0	15.0	16.0	12.0	12.0	20.0	25.0	30.0	31.0	30.0	---
9	26.0	20.0	15.0	13.0	14.0	13.0	20.0	24.0	30.0	31.0	30.0	---
10	26.0	19.0	15.0	8.0	12.0	15.0	19.0	26.0	31.0	31.0	30.0	---
11	26.0	17.0	14.0	8.0	11.0	17.0	19.0	25.0	31.0	31.0	30.0	---
12	26.0	17.0	16.0	8.0	12.0	17.0	19.0	25.0	31.0	31.0	30.0	---
13	26.0	17.0	16.0	8.0	12.0	17.0	22.0	26.0	30.0	31.0	30.0	---
14	26.0	17.0	14.0	8.0	11.0	21.0	22.0	26.0	31.0	30.0	30.0	29.0
15	25.0	17.0	13.0	10.0	13.0	23.0	22.0	26.0	31.0	30.0	30.0	29.0
16	25.0	17.0	13.0	10.0	15.0	23.0	22.0	26.0	30.0	30.0	31.0	29.0
17	24.0	20.0	13.0	6.0	19.0	24.0	23.0	26.0	30.0	31.0	30.0	29.0
18	24.0	20.0	13.0	---	18.0	24.0	23.0	27.0	31.0	31.0	30.0	29.0
19	23.0	20.0	10.0	12.0	19.0	24.0	23.0	27.0	31.0	29.0	30.0	28.0
20	23.0	19.0	8.0	17.0	20.0	24.0	24.0	27.0	31.0	---	30.0	28.0
21	23.0	18.0	10.0	17.0	20.0	24.0	24.0	27.0	31.0	30.0	30.0	22.0
22	21.0	18.0	12.0	17.0	19.0	22.0	18.0	27.0	31.0	30.0	30.0	22.0
23	21.0	18.0	13.0	16.0	20.0	20.0	20.0	28.0	30.0	30.0	29.0	22.0
24	21.0	19.0	13.0	16.0	20.0	20.0	21.0	28.0	29.0	31.0	29.0	26.0
25	18.0	17.0	14.0	15.0	19.0	21.0	23.0	28.0	29.0	31.0	29.0	26.0
26	19.0	18.0	14.0	13.0	13.0	22.0	23.0	28.0	27.0	31.0	29.0	24.0
27	18.0	18.0	16.0	13.0	14.0	18.0	24.0	30.0	27.0	31.0	33.0	23.0
28	19.0	20.0	17.0	14.0	14.0	14.0	24.0	30.0	29.0	31.0	33.0	25.0
29	19.0	20.0	14.0	16.0	---	14.0	24.0	30.0	30.0	31.0	33.0	25.0
30	19.0	23.0	14.0	19.0	---	17.0	24.0	30.0	29.0	31.0	30.0	24.0
31	18.0	---	15.0	---	---	17.0	---	30.0	---	31.0	30.0	---

292300090370000 BAYOU PETIT CAILLOU NEAR BOUDREAUX CANAL, NEAR DULAC, LA (CE 76303)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5300	6200	7400	6900	2900	3000	3000	1400	3000	3200	2000	2800
2	7300	6500	7300	6800	2900	3200	2800	1400	3100	3100	2100	2200
3	6700	7600	8000	---	2900	3200	4300	1600	3700	3200	1800	2100
4	5800	7300	7400	6900	2100	3000	4000	1400	2800	3200	1500	2200
5	5900	6900	7200	6400	2400	3400	4200	1700	2900	3000	1100	2400
6	6200	7200	7500	6800	2400	4000	3300	2700	2900	2900	1300	3100
7	5800	7200	7500	6800	2500	3500	3900	3300	2800	2700	1900	3100
8	5700	7700	7400	6200	3000	3500	3000	720	3200	2800	1900	3200
9	5300	7800	7300	6100	5700	3800	3000	1400	3100	2800	1900	3800
10	5400	6100	7400	---	4000	3500	2900	2200	3200	2800	1600	4700
11	5400	6200	7600	5500	3900	3900	2800	2600	3200	2600	1800	5600
12	5200	6200	7000	5500	4300	4100	3000	2500	3200	2500	1500	4000
13	6700	7000	6800	6300	3500	3600	3000	3100	3300	3000	1400	3800
14	7500	7900	6800	4600	3900	3000	2800	3300	4000	3000	1800	3800
15	7200	7700	6900	5600	4200	3000	2900	3200	4000	3100	1700	3600
16	7400	8100	6400	5400	3700	3100	3000	3400	4600	3200	1600	2900
17	6600	8600	7300	5000	2400	3100	2800	2200	4900	2500	1700	2800
18	6600	7600	5900	5900	2400	3200	2900	4300	5000	2600	2000	3000
19	5900	6800	6600	4900	2400	3400	2800	3300	5100	2800	1400	3200
20	7400	7000	6100	4700	3500	3300	3300	3100	5000	---	1600	3200
21	6700	8000	7700	5200	3500	3300	3200	2900	5000	2400	1600	3000
22	6900	7900	7500	4900	2400	3600	1800	3100	3800	2600	1400	3200
23	6800	7000	6700	4600	3500	4600	2200	2500	3900	2500	1200	3100
24	6800	7100	6600	5100	3200	4800	2700	2800	3500	2500	1100	3200
25	9400	---	6300	6000	3000	4700	1200	2700	3600	2100	1600	3200
26	9600	7200	6200	5500	5100	4000	1200	2700	3500	2200	2000	3300
27	6100	7200	7200	5200	3500	3000	1900	2600	3600	2400	1600	2700
28	6200	8000	7400	5400	2900	2800	2100	2600	---	2400	2000	3300
29	5400	7700	6800	5400	---	2600	2200	2600	3400	2100	2100	3400
30	6700	7800	6800	5300	---	2400	980	2600	3400	2100	1800	3500
31	6600	---	7600	---	---	2300	---	2700	---	2000	3100	---

07381327 HOUMA NAVIGATION CANAL AT CROZIER, LA (CE 76343)

LOCATION.--Lat 29°32'22", long 90°42'16", in lot 15, T.8 S., R.17 E., Terrebonne Parish, Hydrologic Unit 08090302, on right bank of canal and 0.8 mi (1.3 km) east of Crozier.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1966, 1975, 1976 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1978, October 1980 to September 1981.
CHLORIDE: October 1974 to September 1975, October 1976 to October 1978, November 1979 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.0°C Aug. 23, 26, 28, 30, 31, Sept. 1, 1982; minimum daily, 7.0°C Jan. 20-23, 1978.
CHLORIDE: Maximum daily, 11,000 mg/L Nov. 17, 1980; minimum daily, 15 mg/L Apr. 25, 30, May 5, 11, 14, 31, 1980.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	15.0	13.0	---	---						---	32.0
2	---	14.0	12.0	---	---						---	---
3	15.0	14.0	12.0	---	10.0						---	---
4	15.0	14.0	12.0	---	11.0						---	---
5	15.0	14.0	---	---	---						---	31.0
6	15.0	14.0	---	10.0	11.0						---	31.0
7	16.0	---	---	10.0	11.0						---	31.0
8	16.0	---	---	11.0	10.0						---	31.0
9	16.0	---	---	11.0	11.0						---	30.0
10	---	---	---	12.0	---						---	30.0
11	---	---	---	12.0	10.0						---	---
12	---	14.0	---	---	10.0						---	---
13	---	13.0	---	11.0	11.0						---	---
14	15.0	14.0	---	10.0	10.0						---	---
15	16.0	13.0	---	11.0	11.0						---	31.0
16	16.0	13.0	---	11.0	10.0						---	31.0
17	16.0	14.0	---	10.0	10.0						26.0	31.0
18	16.0	---	---	11.0	10.0						31.0	31.0
19	16.0	13.0	---	11.0	10.0						26.0	---
20	15.0	13.0	---	11.0	---						27.0	30.0
21	---	12.0	---	10.0	10.0						27.0	30.0
22	16.0	13.0	---	10.0	10.0						27.0	---
23	16.0	12.0	---	10.0	10.0						32.0	29.0
24	15.0	12.0	---	11.0	10.0						31.0	29.0
25	14.0	13.0	---	11.0	10.0						---	29.0
26	14.0	---	---	10.0	10.0						32.0	28.0
27	---	---	---	11.0	---						31.0	29.0
28	16.0	12.0	---	11.0	---						32.0	---
29	---	12.0	---	10.0	---						---	29.0
30	---	13.0	---	---	---						32.0	---
31	14.0	---	---	---	---						32.0	---

07381327 HOUMA NAVIGATION CANAL AT CROZIER, LA (CE 76343)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	270	90	---	---	---	---	40	40	46	54	52
2	---	320	85	---	---	---	36	41	---	46	53	---
3	80	450	98	---	47	42	60	43	41	50	78	---
4	170	450	84	---	49	40	68	48	44	50	63	---
5	260	260	---	---	---	37	54	---	41	50	75	53
6	170	340	---	100	50	28	62	46	44	54	74	43
7	150	---	---	80	50	30	---	44	46	51	62	48
8	98	---	---	86	46	40	36	35	56	---	39	42
9	96	---	---	110	47	38	30	44	56	---	44	48
10	---	---	---	86	---	---	28	38	---	51	42	50
11	---	---	---	78	48	36	30	42	---	50	39	---
12	---	91	---	---	48	30	42	45	54	46	55	---
13	---	94	---	80	50	30	39	41	51	51	49	---
14	100	70	---	81	45	30	31	40	49	50	---	---
15	120	63	---	86	44	41	---	44	51	52	---	49
16	130	67	---	60	42	43	---	36	51	50	52	34
17	130	74	---	66	33	51	32	34	47	---	60	40
18	100	---	---	84	38	---	32	---	49	---	61	50
19	480	84	---	58	37	---	30	38	---	---	59	---
20	410	86	---	54	---	40	32	44	---	---	40	50
21	---	84	---	55	40	95	34	43	---	46	44	52
22	320	98	---	69	50	50	35	---	44	48	51	---
23	310	80	---	51	42	54	41	---	51	48	44	48
24	290	93	---	48	44	51	---	---	42	46	50	58
25	270	100	---	53	44	74	---	---	46	49	---	55
26	260	---	---	50	44	44	---	44	46	51	46	56
27	---	---	---	54	---	---	---	46	44	64	68	60
28	430	130	---	51	---	---	41	44	40	---	77	---
29	---	88	---	60	---	---	40	40	56	57	---	70
30	---	84	---	---	---	---	44	38	---	57	48	---
31	310	---	---	---	---	---	---	38	---	56	42	---

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA

LOCATION.--Lat 30°58'57", long 91°47'54", in NE1/4SW1/4 sec. 7, T. 1 S., R. 7 E., Louisiana meridian, Avoyelles Parish, Hydrologic Unit 08080101, near right bank on downstream side of Kansas City Southern Railway Co. bridge, 0.4 mi (0.6 km) east of town of Simmesport, 0.5 mi (0.8 km) upstream from State Highway 1, and 4.9 mi (7.9 km) downstream from confluence of Red River and Old River (head of Atchafalaya River).

DRAINAGE AREA.--Approximately 87,570 mi^2 or 226,810 km^2 (see REMARKS).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1972 to September 1981 (see NOTE). Gage heights, May 1, 1887 to May 15, 1892, Dec. 1, 1903 to current year, and discharge (intermittently since 1851) are contained in reports of Corps of Engineers, New Orleans district.

REVISED RECORDS.--WDR LA 77-2: 1975.

GAGE.--Water-stage recorder. Datum of gage is 5.73 ft (1.747 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Flow consists of that from the Red River and controlled diversion from the Mississippi River by way of Old River Control Structure. Drainage area does not include non-contributing area or Mississippi River area.

COOPERATION.--Gage height record and computations of daily discharge furnished by Corps of Engineers.

AVERAGE DISCHARGE.--9 years (water years 1972-81), 245,000 ft^3/s (6,938 m^3/s), 177,502,000 acre-ft/yr (219 km^3/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 781,000 ft^3/s or 22,100 m^3/s (observed) May 12, 1973; maximum gage height, 49.05 ft (14.950 m) May 15, 1973; minimum daily, 22,000 ft^3/s (623 m^3/s) Oct. 4, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1903, 53.4 ft (16.28 m) May 16, 1927, minimum discharge, 10,500 ft^3/s (297 m^3/s) June 24, 1964; minimum gage height, -4.68 ft (-1.426 m) July 16, 1964.

EXTREMES FOR CURRENT YEAR.--Water year 1981: Maximum daily discharge, 329,000 ft^3/s (9,320 m^3/s) June 14, 15 minimum daily, 45,000 ft^3/s (1,270 m^3/s) Jan. 18.

NOTE.--Records for the 1982 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103000	80000	104000	75000	61000	156000	117000	199000	307000	285000	187000	120000
2	113000	89000	100000	64000	62000	165000	115000	202000	301000	285000	193000	118000
3	118000	87000	96000	66000	64000	162000	116000	203000	300000	287000	197000	118000
4	117000	88000	103000	65000	71000	164000	119000	203000	302000	284000	197000	117000
5	121000	90000	89000	59000	75000	192000	120000	203000	303000	279000	197000	117000
6	122000	93000	85000	51000	77000	215000	118000	200000	307000	275000	202000	112000
7	126000	95000	92000	60000	86000	216000	120000	190000	315000	261000	212000	113000
8	115000	95000	94000	57000	90000	219000	122000	183000	320000	252000	216000	118000
9	120000	96000	101000	55000	94000	219000	126000	179000	310000	246000	217000	124000
10	121000	96000	102000	56000	100000	224000	130000	176000	308000	242000	217000	129000
11	110000	93000	101000	52000	111000	237000	135000	173000	313000	242000	207000	133000
12	113000	90000	95000	48000	103000	232000	133000	162000	320000	240000	201000	141000
13	137000	89000	95000	48000	131000	226000	131000	160000	327000	236000	192000	145000
14	104000	90000	89000	54000	123000	220000	131000	167000	329000	233000	183000	150000
15	103000	80000	81000	54000	151000	213000	134000	170000	329000	231000	175000	151000
16	100000	68000	83000	54000	152000	205000	139000	168000	328000	231000	171000	146000
17	98000	77000	91000	47000	136000	201000	141000	172000	327000	232000	169000	141000
18	99000	76000	98000	45000	135000	192000	141000	178000	327000	232000	167000	136000
19	98000	67000	109000	48000	125000	191000	138000	175000	327000	226000	164000	135000
20	91000	70000	143000	46000	110000	170000	135000	172000	326000	218000	159000	127000
21	85000	73000	146000	49000	112000	169000	129000	181000	326000	206000	154000	120000
22	85000	75000	147000	47000	117000	162000	131000	196000	325000	191000	148000	116000
23	83000	83000	148000	47000	117000	151000	140000	203000	324000	179000	145000	110000
24	82000	88000	143000	51000	117000	137000	151000	206000	322000	174000	143000	106000
25	77000	81000	134000	50000	116000	125000	166000	209000	317000	175000	138000	99000
26	75000	80000	123000	51000	142000	114000	176000	224000	315000	172000	139000	97000
27	82000	92000	114000	51000	135000	112000	191000	266000	318000	171000	133000	94000
28	90000	93000	103000	54000	144000	111000	191000	264000	315000	163000	135000	90000
29	94000	87000	94000	53000	---	110000	187000	271000	312000	161000	129000	88000
30	88000	99000	86000	52000	---	117000	192000	293000	300000	170000	124000	85000
31	88000	---	76000	48000	---	117000	---	301000	---	183000	121000	---
TOTAL	3137100	2600000	3263000	1661000	3046000	5454000	4215000	6229000	9500000	6962000	5332000	3596000
MEAN	101200	86670	105300	53580	108800	175900	140500	200900	316700	224600	172000	119900
MAX	126000	99000	148000	75000	152000	237000	192000	301000	329000	287000	217000	151000
MIN	75000	67000	76000	45000	61000	110000	115000	160000	300000	161000	121000	85000
AC-FT	6222000	5157000	6472000	3295000	6042000	10820000	8360000	12360000	18840000	13810000	10580000	7133000

CAL YR 1980 TOTAL 68123000 MEAN 186100 MAX 462000 MIN 67000 AC-FT 135100000
WTR YR 1981 TOTAL 54995000 MEAN 150700 MAX 329000 MIN 45000 AC-FT 109100000

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.21	4.46	7.16	4.15	2.94	11.46	8.12	16.49	25.30	23.41	14.21	7.89
2	7.63	4.77	6.98	3.48	3.04	13.21	8.00	16.78	24.90	23.38	14.80	7.73
3	8.37	4.67	6.76	3.40	3.21	12.60	8.13	16.86	24.77	23.69	15.27	7.79
4	8.06	4.78	6.40	3.25	4.00	13.08	8.47	16.89	24.92	23.35	15.18	7.63
5	8.36	4.00	6.21	2.59	4.26	16.29	8.50	16.84	25.02	23.00	15.24	7.52
6	9.55	5.20	5.67	2.50	4.48	18.12	8.27	16.55	25.32	22.60	15.79	7.27
7	9.42	5.57	6.30	2.82	5.15	18.21	8.41	15.06	25.40	21.44	16.80	7.34
8	7.77	5.66	6.99	2.45	5.70	18.42	8.67	13.73	26.35	20.61	17.27	7.73
9	8.36	5.80	6.93	2.35	5.37	18.46	9.05	13.48	25.55	20.08	17.35	8.29
10	7.13	5.54	6.95	2.44	6.58	19.28	9.63	13.18	25.35	19.80	17.29	8.69
11	8.10	5.44	6.42	2.09	7.51	19.30	9.83	12.84	25.83	19.72	16.28	9.05
12	7.46	5.03	6.45	1.74	7.44	19.49	9.77	11.73	26.30	19.56	15.64	9.60
13	6.90	4.33	6.19	1.92	9.50	19.05	9.66	11.54	26.42	19.21	14.64	10.06
14	5.47	5.03	5.58	2.24	10.23	18.57	9.50	12.22	27.00	18.88	13.68	10.55
15	6.35	4.80	5.22	2.17	11.32	17.96	9.87	12.63	27.03	18.70	12.93	10.65
16	6.17	4.10	5.96	2.11	11.51	17.31	10.40	12.31	26.97	18.75	12.60	10.12
17	6.00	5.17	6.66	1.38	10.91	16.58	10.58	12.69	26.90	18.81	12.36	9.65
18	6.06	4.25	7.84	1.30	10.49	15.70	10.53	13.40	26.94	18.77	12.13	9.24
19	5.75	4.50	9.33	1.63	8.30	15.00	10.30	13.01	26.90	18.27	11.83	9.09
20	4.94	4.40	10.53	1.60	8.06	13.31	9.92	12.70	26.80	17.50	11.33	8.49
21	4.20	4.85	10.45	1.64	8.35	13.40	9.40	13.73	26.80	16.34	10.90	7.90
22	4.36	4.94	10.90	1.57	8.22	12.65	9.77	15.18	26.72	14.57	10.30	7.43
23	4.16	5.03	11.15	1.57	8.13	11.41	10.48	15.98	26.59	13.41	10.03	7.10
24	3.96	5.95	10.64	1.85	7.97	10.10	11.55	16.35	26.47	12.92	9.83	6.67
25	3.41	6.26	9.44	1.81	9.13	9.02	13.10	16.65	26.08	12.98	9.38	6.19
26	3.35	6.24	8.43	1.90	9.42	8.16	14.10	18.12	25.93	12.68	9.45	5.87
27	4.16	6.43	7.61	1.94	9.70	7.73	15.50	20.17	26.15	12.57	9.01	5.77
28	4.00	6.81	6.67	2.15	10.50	7.58	15.70	21.68	25.90	11.75	9.14	5.43
29	4.75	6.87	5.80	2.10	---	7.47	15.32	22.34	25.63	11.58	8.58	5.42
30	4.56	7.31	4.95	2.05	---	8.28	15.80	24.23	24.68	12.43	8.23	5.01
31	4.71	---	4.25	1.84	---	8.12	---	24.86	---	13.76	7.95	---
MAX	9.42	7.31	11.16	4.15	11.51	19.49	15.80	24.86	27.03	23.69	17.35	10.65
MIN	3.35	4.00	4.25	1.30	2.94	7.47	8.00	11.54	24.68	11.58	7.95	5.01

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1952-53, 1973-81.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1974 to September 1975, October 1978 to September 1979.
WATER TEMPERATURES: December 1975 to September 1976, October 1977 to current year.
CHLORIDE: October 1974 to current year.
SUSPENDED-SEDIMENT DISCHARGE: October 1972 to September 1981.

REMARKS.--Records for the 1982 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

COOPERATION.--Samples for chloride and suspended-sediment analysis are collected by the Corps of Engineers and analyzed by the Geological Survey. Daily suspended-sediment discharge records are computed by the Geological Survey and reviewed by the Corps of Engineers. Corps of Engineers station 03045.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 627 micromhos Nov. 17, 1978; minimum daily, 179 micromhos Feb. 21, 1979.
WATER TEMPERATURES: Maximum daily, 32.0°C July 23, 1981; minimum daily, 2.0°C Jan. 18-20, Feb. 3, 6, 7, 1978, Jan. 15, 1979, Jan. 14, 1982.
CHLORIDE: Maximum daily, 150 mg/L June 9, 13, 14, 1977; minimum daily, 10 mg/L Apr. 16, 17, 1975.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily mean, 1,203,000 tons (1,090,000 tonnes) Feb. 7, 1975; minimum daily mean, 2,000 tons (1,800 tonnes) Oct. 3-5, 1976.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.0	---		---	5.0	7.0	13.0	---	25.0	24.5	---	28.0
2	24.0	15.5		---	6.0	6.0	13.0	---	25.0	25.0	28.0	28.0
3	---	17.0		---	6.0	7.0	---	17.5	25.0	---	28.0	28.0
4	---	17.0		---	5.0	8.0	---	18.0	25.5	---	28.0	---
5	24.0	17.0		---	6.0	7.0	12.5	18.0	---	---	28.0	---
6	24.0	17.0		---	---	---	12.0	19.0	---	26.5	28.0	---
7	25.0	---		---	---	---	12.5	18.0	25.0	27.0	---	27.0
8	19.0	---		---	5.0	6.0	13.5	---	24.5	28.0	---	26.0
9	24.0	16.5		---	5.5	6.5	13.5	---	24.5	27.5	27.5	26.0
10	---	16.0		---	3.0	6.5	---	19.0	25.0	---	28.0	26.0
11	---	---		---	3.0	7.5	---	19.0	25.0	---	28.5	---
12	---	15.0		---	3.0	9.0	12.0	20.0	---	28.0	29.0	---
13	22.0	15.0		---	---	13.0	---	20.0	---	28.5	29.0	26.0
14	22.0	---		2.0	---	---	13.5	20.0	24.5	29.0	---	26.0
15	21.5	---		3.0	---	10.0	14.0	---	24.5	28.5	---	26.0
16	21.0	16.0		---	4.5	11.0	14.0	---	24.5	28.5	29.0	26.0
17	---	15.0		---	5.0	11.5	---	21.0	---	---	29.0	26.0
18	---	15.5		4.5	---	11.5	---	22.0	25.0	---	28.5	---
19	20.0	16.0		4.0	6.0	12.5	14.5	22.5	---	28.5	28.0	---
20	19.0	14.0		5.0	---	---	15.5	22.5	---	29.0	28.0	26.0
21	19.0	---		6.0	---	---	15.0	22.0	24.0	29.0	---	26.0
22	20.0	---		6.0	6.0	12.5	14.5	---	24.5	28.5	---	24.0
23	20.0	14.0		---	5.5	12.5	14.0	---	24.5	29.0	28.0	23.0
24	---	14.5		---	7.0	13.0	---	23.0	24.5	29.0	28.5	23.0
25	---	13.5		5.0	7.5	13.5	---	24.0	25.0	---	28.0	---
26	18.0	---		5.0	7.0	12.0	15.5	24.0	---	---	28.0	---
27	19.0	---		4.5	---	---	15.0	24.5	---	29.0	28.0	23.5
28	18.0	---		6.0	---	---	16.0	---	24.5	29.0	---	22.0
29	15.5	---		6.5	---	11.0	17.0	---	25.0	29.0	---	22.5
30	15.0	15.0		---	---	---	17.0	---	24.5	28.5	28.0	22.0
31	---	---		---	---	13.0	---	---	---	---	28.0	---

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	---		---	24	21	26	---	47	43	---	61
2	---	54		---	25	22	26	---	44	46	26	35
3	---	62		---	34	20	---	25	44	---	24	28
4	---	54		---	40	26	---	22	43	---	25	---
5	40	62		---	30	20	29	20	---	---	28	---
6	44	60		---	---	---	26	22	---	38	74	---
7	44	---		---	---	---	25	23	42	43	---	26
8	48	---		---	29	21	25	---	41	34	---	34
9	43	44		---	24	24	28	---	36	38	42	30
10	---	54		---	26	32	---	24	39	---	51	54
11	---	---		---	26	23	24	51	38	---	34	---
12	---	56		---	25	22	24	30	---	43	30	---
13	110	66		---	---	24	---	26	---	44	31	36
14	120	---		34	---	22	26	25	34	44	---	30
15	110	---		---	---	22	28	---	35	43	---	29
16	86	80		---	22	24	22	---	34	44	30	26
17	---	50		---	19	24	---	26	---	---	30	26
18	---	45		26	---	28	---	28	37	---	32	---
19	86	47		32	20	24	22	49	---	36	28	---
20	89	49		40	---	---	23	30	---	34	30	24
21	93	---		27	---	---	24	26	34	36	---	27
22	79	---		28	18	29	22	---	36	40	---	20
23	74	81		---	22	30	21	---	33	38	30	24
24	---	110		---	20	30	---	30	36	30	30	20
25	---	110		34	22	32	---	26	36	---	26	---
26	66	---		42	22	32	23	29	---	---	31	---
27	59	---		44	---	---	22	40	---	30	30	26
28	60	---		30	---	---	24	---	38	30	---	23
29	59	---		36	---	26	22	---	42	32	---	21
30	65	120		---	---	24	20	---	44	26	68	20
31	---	---		---	---	24	---	---	---	---	72	---

WATER QUALITY DATA, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT				
22...	70700	142	27100	99
NOV				
05...	86300	176	41000	99
19...	59800	129	20800	100
DEC				
03...	99300	157	42100	98
30...	86400	194	45300	99
JAN				
14...	47800	116	15000	86
28...	49500	94	12600	100
FEB				
11...	122000	363	120000	98
25...	139000	176	66100	89
MAR				
11...	252000	454	309000	78
25...	134000	182	65800	90
APR				
08...	129000	242	84300	98
22...	138000	154	57400	86
MAY				
06...	210000	317	180000	90
20...	170000	517	237000	94
JUN				
03...	317000	418	358000	85
17...	325000	910	799000	75
JUL				
01...	272000	379	278000	98
15...	223000	445	268000	93
29...	142000	276	106000	95
AUG				
12...	179000	486	235000	95
26...	118000	244	77700	96
SEP				
09...	114000	168	51700	96
23...	94900	151	38700	97

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53000	38000	49000	35000	20000	138000	67000	154000	410000	278000	153000	54000
2	56000	37000	45000	23000	22000	140000	66000	157000	377000	295000	166000	52000
3	61000	37000	42000	26000	25000	135000	69000	172000	357000	297000	178000	51000
4	59000	38000	49000	25000	33000	140000	74000	176000	379000	299000	183000	49000
5	63000	41000	37000	21000	39000	191000	77000	180000	390000	296000	187000	49000
6	63000	43000	34000	15000	44000	241000	76000	180000	428000	296000	202000	46000
7	66000	45000	41000	21000	56000	246000	86000	169000	471000	275000	228000	44000
8	55000	44000	43000	18000	66000	255000	84000	164000	508000	263000	242000	48000
9	50000	45000	50000	17000	77000	259000	86000	164000	500000	258000	251000	52000
10	60000	45000	51000	17000	92000	285000	88000	165000	517000	257000	258000	55000
11	57000	42000	51000	15000	119000	309000	91000	166000	558000	264000	242000	59000
12	51000	39000	46000	12000	99000	290000	86000	153000	609000	255000	235000	65000
13	46000	34000	46000	12000	149000	269000	80000	155000	665000	255000	209000	69000
14	43000	38000	41000	15000	126000	250000	77000	176000	704000	255000	185000	73000
15	42000	30000	35000	15000	178000	230000	78000	189000	737000	268000	165000	74000
16	39000	22000	37000	15000	171000	209000	80000	194000	767000	263000	154000	69000
17	37000	28000	45000	11000	132000	196000	80000	210000	798000	251000	146000	64000
18	38000	27000	52000	10000	124000	176000	77000	233000	754000	257000	139000	59000
19	37000	21000	65000	11000	102000	170000	71000	235000	712000	249000	130000	58000
20	32000	23000	111000	10000	76000	133000	65000	237000	669000	220000	119000	52000
21	27000	25000	117000	11000	75000	128000	58000	249000	633000	174000	109000	46000
22	27000	26000	120000	10000	74000	115000	57000	277000	594000	165000	98000	43000
23	27000	32000	123000	13000	74000	99000	67000	283000	559000	143000	92000	39000
24	26000	35000	116000	12000	70000	80000	79000	278000	522000	133000	87000	34000
25	24000	38000	104000	11000	66000	66000	97000	272000	474000	133000	79000	31000
26	23000	47000	89000	12000	66000	60000	111000	297000	447000	126000	78000	30000
27	38000	49000	78000	11000	90000	56000	133000	339000	430000	124000	70000	28000
28	34000	39000	65000	13000	104000	56000	136000	371000	394000	110000	71000	25000
29	34000	43000	55000	13000	---	56000	134000	372000	370000	106000	65000	24000
30	34000	46000	45000	13000	---	64000	144000	412000	325000	120000	59000	22000
31	35000	---	37000	12000	---	66000	---	414000	---	143000	56000	---
TOTAL	1336000	1079000	1919000	474000	2393000	5113000	2568000	7206000	16076000	6869000	4636000	1466000
MEAN	43100	36000	61900	15300	85500	165000	85600	232000	536000	222000	150000	48900
MAX	66000	49000	123000	35000	178000	309000	144000	414000	798000	299000	258000	74000
MIN	23000	21000	34000	10000	20000	56000	57000	153000	325000	106000	56000	22000

WTR YR 1981 TOTAL 51135000 MEAN 140000 MAX 798000 MIN 10000

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°41'26", long 91°44'10", in SW1/4NW1/4 sec.26, T.4 S., R.7 E., St. Helena Meridian, St. Landry-Pointe Coupee Parish line, Hydrologic Unit 08080101, at bridge on Texas & Pacific Railroad in Melville.

DRAINAGE AREA.--93,316 mi^2 (241,688 km^2).

PERIOD OF RECORD.--Water years 1978 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1979 to September 1981 (discontinued).
WATER TEMPERATURES: May 1979 to September 1981 (discontinued).

COOPERATION.--Discharge measured at Atchafalaya River at Simmesport, La. (station 07381490) and furnished by the Corps of Engineers. Corps of Engineers station 03060.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 632 micromhos Oct. 8, 1981; minimum daily, 207 micromhos May 21, 1980.
WATER TEMPERATURES: Maximum daily, 32.0°C July 23, 24, 1981; minimum daily, 5.5°C Feb. 7, 1980, Jan. 22, 1981.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	STREAMFLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (FTU)	SETTLEABLE MATTER (ML/L/HR)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)
OCT 15...	0930	71900	568	7.6	22.0	5	16	<1.0	9.0	19	2.6	300
DEC 02...	1000	101000	570	7.7	13.5	10	60	<1.0	9.4	<10	1.3	3100
16...	1000	135000	457	7.5	12.0	10	47	<1.0	10.9	<10	1.7	720
JAN 06...	1100	172000	450	7.4	11.5	15	55	<1.0	10.2	13	2.1	1800
FEB 24...	1000	323000	250	7.1	6.0	30	110	<1.0	11.2	120	2.1	700
MAR 10...	0945	379000	291	7.3	8.5	15	65	<1.0	11.3	26	1.8	1000
APR 21...	0900	319000	314	6.9	15.5	30	75	<1.0	9.1	31	2.3	240
MAY 18...	1115	215000	395	7.4	22.5	20	25	<1.0	7.9	31	1.4	K170
JUN 16...	1000	329000	413	7.5	25.5	60	150	<1.0	7.0	24	1.3	1100
JUL 28...	0900	172000	422	7.6	30.0	70	110	<1.0	7.0	93	1.8	1200
AUG 11...	1050	151000	429	7.4	29.5	30	95	<1.0	6.7	25	1.6	K750
SEP 08...	1015	171000	400	7.4	27.0	23	75	<1.0	7.7	<10	1.2	470

DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)
OCT 15...	84	K3000	190	48	16	45	3.5	133	72	48	.3	4.3
DEC 02...	280	12000	180	47	15	44	3.7	116	64	58	--	--
16...	140	900	150	39	13	33	3.5	104	50	41	.2	5.2
JAN 06...	K73	1200	150	41	12	25	3.0	98	59	32	--	--
FEB 24...	K60	300	87	24	6.5	15	2.6	56	29	18	.1	6.3
MAR 10...	120	840	110	29	8.2	14	2.8	73	52	16	--	--
APR 21...	K65	4800	130	34	10	14	2.7	91	37	19	.1	6.8
MAY 18...	K72	1600	150	40	12	20	2.9	100	43	25	--	--
JUN 16...	290	700	--	--	--	--	--	97	--	--	--	--
JUL 28...	K280	1600	150	40	12	25	3.9	108	49	28	--	--
AUG 11...	150	400	140	38	11	25	3.5	108	36	31	.2	6.5
SEP 08...	180	680	150	39	12	22	3.4	109	41	25	.2	--

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)
OCT												
15...	325	317	32	--	<.01	.87	.88	.08	.66	--	.14	.07
DEC												
02...	--	--	124	1.0	.06	1.1	--	--	--	.43	.15	--
16...	265	247	--	.95	.05	1.0	1.0	.10	.91	--	.19	.07
JAN												
06...	--	--	128	1.2	.02	1.2	--	--	--	.37	.08	--
FEB												
24...	145	136	196	.94	.03	.97	1.0	.16	.67	--	.22	.04
MAR												
10...	--	--	472	1.4	.05	1.4	--	--	--	.45	.12	--
APR												
21...	185	179	--	1.7	.03	1.7	1.6	.07	.54	--	.23	.09
MAY												
18...	--	--	52	1.6	.02	1.6	--	--	--	.68	.11	--
JUN												
16...	--	--	326	1.8	.05	1.8	1.7	.04	1.2	--	.33	.05
JUL												
28...	--	--	292	1.9	.09	2.0	--	--	--	.60	.24	--
AUG												
11...	237	216	164	--	<.01	1.6	1.6	.02	.60	--	.20	.10
SEP												
08...	--	--	145	1.1	.01	1.1	--	--	--	.60	.11	--

DATE	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)
OCT												
15...	.06	5	2	100	90	<10	1	<1	2	10	10	<1
DEC												
02...	--	2	2	--	--	<10	<1	1	<1	20	--	<1
16...	.07	2	1	--	--	<10	2	<1	<1	20	--	<1
JAN												
06...	--	1	0	--	--	<10	<1	<1	<1	10	--	<1
FEB												
24...	.06	3	3	100	57	<10	<1	<1	<1	10	10	<1
MAR												
10...	--	1	1	--	--	<10	<1	<1	<1	20	--	<1
APR												
21...	.07	2	1	--	--	<10	<1	1	<1	10	--	<1
MAY												
18...	--	2	1	--	--	<10	<1	4	<1	10	--	<1
JUN												
16...	.06	--	--	--	--	<10	--	--	--	--	--	<1
JUL												
28...	--	4	2	--	--	<10	1	2	<1	20	--	<1
AUG												
11...	.08	3	3	100	89	<10	1	2	1	10	10	<1
SEP												
08...	--	3	2	--	--	<10	<1	2	<1	10	--	<1

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER DELTA

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)
OCT												
15...	<1	--	10	--	680	3	2	--	80	2	.1	<.1
DEC												
02...	--	--	25	4	--	150	9	1	--	--	.1	.1
16...	--	--	13	6	--	25	8	<1	--	--	.4	--
JAN												
06...	--	--	10	3	--	19	8	4	--	--	<.1	<.1
FEB												
24...	1	<1	11	3	4800	80	13	2	210	12	.1	.2
MAR												
10...	--	--	19	4	--	41	13	4	--	--	.2	<.1
APR												
21...	--	--	17	10	--	56	9	<1	--	--	.1	.1
MAY												
18...	--	--	8	6	--	40	7	1	--	--	<.1	.1
JUN												
16...	--	--	--	--	--	--	--	--	--	--	--	--
JUL												
28...	--	--	21	10	--	6	17	6	--	--	.1	.1
AUG												
11...	1	<1	17	9	5100	4	12	4	230	2	.1	.1
SEP												
08...	--	--	11	5	--	<3	11	1	--	--	<.1	<.1

DATE	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG)	SILVER, DIS-SOLVED (UG/L AS AG)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)
OCT												
15...	4	--	<1	<1	<1	<1	<1.0	60	6	--	<.01	<1
DEC												
02...	7	1	<1	<1	--	--	1.0	50	5	5.7	<.01	3
16...	--	--	<1	<1	--	--	1.0	60	25	5.3	<.01	<1
JAN												
06...	9	2	<1	<1	--	--	<1.0	40	4	3.9	<.01	<1
FEB												
24...	11	2	<1	<1	<1	<1	1.0	50	8	7.3	<.01	<1
MAR												
10...	11	3	<1	<1	--	--	2.0	40	<4	4.5	<.01	<1
APR												
21...	--	--	<1	<1	--	--	2.0	20	23	5.2	<.01	1
MAY												
18...	7	4	<1	<1	--	--	1.3	10	14	4.4	<.01	<1
JUN												
16...	--	--	--	--	--	--	1.0	--	--	7.4	<.01	3
JUL												
28...	20	4	<1	<1	--	--	1.8	100	35	9.0	<.01	<1
AUG												
11...	8	3	<1	<1	1	1	3.2	40	4	5.5	<.01	<1
SEP												
08...	9	2	<1	<1	--	--	2.3	40	10	4.8	<.01	<1

< Actual value is known to be less than the value shown.

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L)	PCB, TOTAL (UG/L)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLORDANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DIAZINON, TOTAL (UG/L)	DIELDRIN TOTAL (UG/L)	ENDOSULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)
OCT												
15...	4	--	--	--	--	--	--	--	.06	--	--	--
DEC												
02...	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.04	.001	<.001	<.001
16...	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01	.001	<.001	<.001
JAN												
06...	5	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.02	.005	<.001	<.001
FEB												
24...	<1	<.10	<.10	<.001	<.10	.001	<.001	.007	<.01	.003	<.001	.001
MAR												
10...	<1	<.10	<.10	<.001	<.10	.001	<.001	.001	.01	.001	<.001	.001
APR												
21...	<1	<.10	<.10	<.001	<.10	.001	<.001	.005	.01	.001	<.001	.001
MAY												
18...	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01	.002	<.001	<.001
JUN												
16...	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01	.002	<.001	<.001
JUL												
28...	1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01	<.001	<.001	<.001
AUG												
11...	1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.04	.004	<.001	<.001
SEP												
08...	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01	<.001	<.001	<.001

DATE	ETHION, TOTAL (UG/L)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALATHION, TOTAL (UG/L)	METHOXYCHLOR, TOTAL (UG/L)	METHYL PARATHION, TOTAL (UG/L)	METHYL TRITHION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARATHION, TOTAL (UG/L)	PERTHANE TOTAL (UG/L)	TOXAPHENE, TOTAL (UG/L)
OCT												
15...	<.01	--	--	--	<.01	--	<.01	<.01	--	<.01	--	--
DEC												
02...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.1
16...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.1
JAN												
06...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.1
FEB												
24...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
MAR												
10...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
APR												
21...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
MAY												
18...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
JUN												
16...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
JUL												
28...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
AUG												
11...	<.01	<.001	<.001	<.001	<.01	<.01	.01	<.01	<.01	<.01	<.10	<1
SEP												
08...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1

< Actual value is known to be less than the value shown.

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT										
15...	<.01	--	--	--	--	17.6	2.06	90	17500	96
DEC										
02...	<.01	.02	<.01	.01	<.01	7.02	1.70	215	58600	98
16...	<.01	.02	<.01	.01	<.01	4.17	<.100	222	80900	88
JAN										
06...	<.01	.02	<.01	.01	<.01	3.45	<.100	233	108000	96
FEB										
24...	<.01	.01	<.01	<.01	<.01	1.82	<.100	302	263000	88
MAR										
10...	<.01	.02	<.01	<.01	<.01	1.16	<.100	334	342000	92
APR										
21...	<.01	.05	<.01	<.01	<.01	1.26	<.100	261	225000	97
MAY										
18...	<.01	<.01	<.01	<.01	<.01	4.50	<.100	200	116000	86
JUN										
16...	<.01	<.01	--	--	--	.900	<.100	720	640000	88
JUL										
28...	<.01	.01	<.01	.01	<.01	3.30	<.100	420	195000	98
AUG										
11...	<.01	<.01	<.01	<.01	<.01	5.00	<.100	290	118000	98
SEP										
08...	<.01	.01	<.01	.01	<.01	6.10	1.00	282	130000	97

< Actual value is known to be less than the value shown.

07381557 CHICOT PASS AT MYETTE POINT, NEAR CHARENTON, LA (CE 03750)

LOCATION.--Lat 29°53'40", long 91°26'46", T.13 S., R.10 E., St. Mary Parish, Hydrologic Unit 08080101, 5.0 mi (8.0 km) east of Charenton and at mile 95.4 (153.5 km).

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (FTU)	SETTLEABLE MATTER (ML/L/HR)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT												
16...	1030	576	7.3	22.0	10	10	<1.0	8.5	<10	.8	K600	K500
JAN												
29...	0945	392	7.5	5.5	20	80	<1.0	13.5	36	2.4	2500	--
APR												
13...	1115	370	7.1	14.0	10	75	<1.0	9.4	54	1.6	K70	K60
JUL												
21...	1250	461	7.2	29.5	20	170	<1.0	6.0	35	.9	K320	100

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)
OCT												
16...	190	68	16	43	3.6	132	70	44	18	.81	.01	.82
JAN												
29...	120	34	9.7	27	3.0	99	37	39	194	1.2	.06	1.3
APR												
13...	130	34	11	19	5.4	89	38	24	147	2.0	.06	2.1
JUL												
21...	150	41	11	32	3.9	95	49	40	242	1.5	.03	1.5

DATE	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)
OCT												
16...	.66	.09	9	3	<10	1	<1	1	10	<1	10	8
JAN												
29...	.46	.22	2	2	<10	<1	<1	<1	20	<1	12	5
APR												
13...	1.5	.18	3	2	<10	<1	<1	<1	10	<1	9	6
JUL												
21...	1.2	.13	3	1	10	<1	2	<1	20	<1	29	9

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

07381557 CHICOT PASS AT MYETTE POINT, NEAR CHARENTON, LA (CE 03750)--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT												
16...	3	1	<1	.1	<.1	3	3	<1	<1	<1.0	30	5
JAN												
29...	27	8	2	<.1	<.1	6	5	<1	<1	<1.0	60	8
APR												
13...	32	9	2	.1	.1	8	1	<1	<1	<.1	40	9
JUL												
21...	19	20	4	.1	<.1	18	4	<1	<1	2.2	70	29

DATE	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)
OCT												
16...	4.1	<.01	<1	1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.01
JAN												
29...	2.8	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	.002	.01
APR												
13...	6.7	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	.003	.01
JUL												
21...	9.5	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01

DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
OCT											
16...	.002	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN											
29...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR											
13...	.003	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL											
21...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)
OCT											
16...	<.01	<.01	<.01	<.1	<.01	.01	<.01	.01	<.01	10.3	<.100
JAN											
29...	<.01	<.01	<.01	<.1	<.01	.02	<.01	<.01	<.01	2.41	2.16
APR											
13...	<.01	<.01	<.10	<1	<.01	.01	<.01	<.01	<.01	2.89	<.100
JUL											
21...	<.01	<.01	<.10	<1	<.01	.01	<.01	.01	<.01	1.60	<.100

< Actual value is known to be less than the value shown.

07381590 WAX LAKE OUTLET AT CALUMET, LA

LOCATION.--Lat 29°41'52", long 91°22'22", in lot 56, T.15 S., R.11 E., St. Mary Parish, Hydrologic Unit 08080101, at Southern Railways System bridge, 160 ft (49m) downstream from State Highway 90, 0.4 mi (0.6 km) downstream from Bayou Teche, 0.5 mi (0.8 km) west of Calumet, and 9.8 mi (15.8 km) west of Morgan City.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1973 to June 1975 (discharge measurements only), October 1976 to current year (elevations and discharge measurements only). Gage heights, May 1942 to September 1976 and discharge, 1942-46, 1949-55, and intermittently, 1957 to current year (collected in same vicinity) are in reports of Corps of Engineers, New Orleans district.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Relief outlet for Atchafalaya basin; discharge and elevation affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 7.32 ft (2.231 m) May 4, 1979; minimum, -1.01 ft (-0.308 m) Jan. 17, 1981.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since 1942, 11.02 ft (3.359 m), present datum, May 27, 1973, minimum, -2.82 ft (-0.860 m), present datum, Oct. 18, 1948 (from records of Corps of Engineers, New Orleans district).

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 4.72 ft (1.439 m) June 27; minimum, 0.01 ft (0.003 m) Dec 24, 29.

DISCHARGE MEASUREMENTS MADE DURING YEAR

Date	Discharge (ft^3/s)	Date	Discharge (ft^3/s)	Date	Discharge (ft^3/s)
Oct. 13, 1981.......	36,600	Mar. 9.............	138,000	June 22...............	132,000
Nov. 3.............	75,300	Mar. 30.............	130,000	July 13...............	93,100
Nov. 17.............	68,700	Apr. 13.............	143,000	July 27...............	62,900
Dec. 8.............	50,800	Apr. 27.............	122,000	Aug. 10...............	56,800
Jan. 27, 1982.......	64,200	May 11.............	92,800	Aug. 24...............	49,200
Feb. 18.............	136,000	May 25.............	79,700	Sept. 7...............	56,700
Feb. 23.............	136,000	June 15.............	122,000	Sept. 14...............	80,300

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.86	2.35	1.49	1.20	2.24	3.54	3.96	3.70	2.74	4.15	2.45	2.26
2	1.68	2.09	.98	1.43	2.37	3.51	4.06	3.64	2.72	3.99	2.76	2.39
3	1.36	2.10	1.71	1.52	2.51	3.65	4.30	3.57	3.06	3.85	2.52	2.24
4	2.02	2.02	.94	1.07	3.15	3.72	4.09	3.55	3.28	3.88	2.47	1.58
5	1.49	2.02	.56	.80	3.28	3.92	4.54	3.47	2.92	3.68	2.45	1.72
6	1.80	1.73	.93	1.22	3.50	3.93	4.21	3.74	3.01	3.71	2.30	1.99
7	1.79	1.34	.91	1.32	3.64	3.65	4.30	4.03	3.18	3.37	2.58	1.74
8	1.97	1.79	.81	.74	3.62	3.79	4.55	3.13	3.29	3.24	2.62	1.96
9	1.83	2.10	.63	1.13	3.47	3.98	4.33	3.28	3.66	3.03	2.34	2.21
10	1.95	1.00	.67	1.29	3.75	4.07	4.40	3.29	3.61	3.07	2.13	2.40
11	1.07	.98	1.13	.67	3.86	4.11	4.35	3.11	3.48	2.88	2.04	3.78
12	1.28	1.14	1.33	1.58	3.87	4.09	4.48	3.07	3.55	2.74	2.44	3.12
13	1.50	1.43	1.29	1.34	3.91	3.98	4.43	3.16	3.64	2.70	2.12	2.88
14	1.86	1.51	2.06	1.39	3.54	3.89	4.23	3.11	3.56	2.84	2.08	2.82
15	1.40	2.07	1.00	2.10	3.91	3.79	4.21	2.65	3.95	2.93	2.14	2.70
16	1.74	2.31	1.39	1.99	3.97	3.82	4.27	2.40	4.18	3.08	2.37	2.30
17	1.86	1.93	1.35	1.68	3.90	3.66	4.25	2.37	4.15	3.11	2.38	2.20
18	1.82	1.90	.13	2.19	3.95	3.42	3.96	2.46	4.11	3.12	2.50	2.11
19	.70	2.18	.27	1.98	3.79	3.38	4.04	2.63	4.22	3.10	2.54	2.19
20	1.45	.79	.55	1.68	3.79	3.39	3.97	2.82	4.34	3.10	2.47	2.04
21	1.59	1.19	1.17	1.61	3.84	3.38	3.98	2.94	4.35	2.94	2.25	1.58
22	1.84	1.22	.96	1.51	3.76	3.28	3.86	2.88	4.35	2.98	2.16	1.20
23	1.75	1.30	.73	1.28	3.78	3.35	3.86	2.96	4.45	3.07	2.03	1.80
24	1.45	1.19	.41	1.49	3.85	3.79	4.08	3.01	4.30	2.54	1.87	1.85
25	1.41	1.03	.50	1.57	3.77	3.91	4.14	2.92	4.25	2.38	1.79	2.30
26	1.73	1.46	.83	1.95	3.81	3.39	4.18	2.88	4.21	2.26	1.64	1.73
27	1.12	1.14	.92	1.73	3.49	3.73	3.84	2.62	4.35	1.91	1.96	2.10
28	1.55	.95	1.38	1.59	3.64	3.72	3.72	2.63	4.35	1.97	1.80	2.34
29	1.54	1.22	.63	2.03	---	3.92	3.72	2.54	4.29	2.16	1.83	2.26
30	1.72	1.78	.83	2.48	---	4.11	3.56	2.40	4.17	2.31	2.19	2.24
31	1.83	---	2.38	1.66	---	4.16	---	2.69	---	2.36	2.34	---
MAX	2.02	2.35	2.38	2.48	3.97	4.16	4.55	4.03	4.45	4.15	2.76	3.78
MIN	.70	.79	.13	.67	2.24	3.28	3.56	2.37	2.72	1.91	1.64	1.20

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1956, 1959-60, 1973 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to current year.
CHLORIDE-SURFACE: October 1974 to current year.
CHLORIDE-25 FT DEPTH: December 1980 to current year.
CHLORIDE-45 FT DEPTH: December 1980 to current year.

COOPERATION.--Chloride samples collected by the Corps of Engineers and analyzed by the Geological Survey. Corps of Engineers station 03720.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 33.0°C July 20, 1978; minimum daily, 2.5°C Feb. 10, 11, 1978.
CHLORIDE-SURFACE: Maximum daily, 150 mg/L June 13, 14, 1977; minimum daily, 9.1 mg/L Apr. 15, 1976.
CHLORIDE-25 FT DEPTH: Maximum daily, 110 mg/L Nov. 5, 7, 8, 10, 11, 1981; minimum daily, 19 mg/L June 9, 1981.
CHLORIDE-45 FT DEPTH: Maximum daily, 110 mg/L Mar. 8, 1981, Nov. 5, 7, 8, 10, 11, 1981; minimum daily, 19 mg/L Mar. 5, 1982.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 31.0°C July 24, 28, 29, Aug. 1, 9-11, 19-22, 25-29; minimum daily, 3.5°C Jan. 17.
CHLORIDE-SURFACE: Maximum daily, 110 mg/L Nov. 5-8, 10; minimum daily, 18 mg/L Mar. 6.
CHLORIDE-25 FT DEPTH: Maximum daily, 110 mg/L Nov. 5, 7, 8, 10, 11; minimum daily, 20 mg/L Mar. 16.
CHLORIDE-45 FT DEPTH: Maximum daily, 110 mg/L Nov. 5, 7, 8, 10, 11; minimum daily, 19 mg/L Mar. 5.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
OCT 13...	1000	36600	554	7.9	25.0	5	10	<1.0	8.4	13	.8
NOV 17...	1000	68600	592	7.7	16.0	15	200	<1.0	8.2	87	1.0
DEC 08...	1000	50800	514	7.7	12.5	15	35	<1.0	9.7	10	--
JAN 27...	0850	64200	440	7.4	5.5	20	45	<1.0	12.6	<10	1.6
FEB 18...	1215	136000	239	7.5	6.0	50	80	<1.0	11.7	25	2.6
MAR 09...	1000	138000	272	6.9	8.5	20	120	<1.0	10.7	20	--
APR 27...	0945	122000	295	7.1	16.5	30	140	<1.0	8.4	120	2.2
MAY 25...	0930	79700	389	7.3	25.0	20	200	<1.0	6.8	26	.3
JUN 22...	0930	132000	418	7.2	26.0	30	170	<1.0	6.2	41	--
JUL 27...	1000	62900	439	7.1	30.5	20	130	<1.0	6.9	79	1.1
AUG 10...	1000	56800	396	6.6	30.0	20	100	<1.0	6.7	14	--
SEP 07...	1130	56700	369	6.8	29.0	10	100	<1.0	7.8	50	.6

< Actual value is known to be less than the value shown.

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)
OCT											
13...	K80	K20	190	48	16	41	3.5	137	70	41	28
NOV											
17...	1200	K160	160	43	12	57	3.7	93	70	78	482
DEC											
08...	--	<10	170	44	14	38	3.4	119	61	47	57
JAN											
27...	--	180	130	33	11	37	3.3	89	46	57	177
FEB											
18...	K2400	150	79	22	5.9	14	3.1	61	27	18	476
MAR											
09...	K900	K35	99	28	7.1	11	2.9	71	33	15	223
APR											
27...	K140	K75	110	30	9.5	13	2.9	75	35	17	100
MAY											
25...	K1800	K90	130	37	10	24	2.9	104	40	32	548
JUN											
22...	220	K60	150	40	11	22	2.7	98	34	31	219
JUL											
27...	K75	100	160	43	12	28	3.6	105	49	41	205
AUG											
10...	K700	K75	130	35	10	23	3.5	107	33	27	257
SEP											
07...	K170	K40	140	38	11	22	3.5	104	39	24	233

DATE	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)
OCT											
13...	--	<.01	.83	.68	.11	3	2	<10	1	<1	2
NOV											
17...	.88	.05	.93	.49	.39	2	1	<10	<1	1	<1
DEC											
08...	1.1	.05	1.1	.47	.08	2	1	<10	<1	<1	<1
JAN											
27...	1.3	.05	1.3	.47	.15	2	1	<10	<1	<1	2
FEB											
18...	.97	.02	.99	1.5	.07	2	<1	<10	<1	1	2
MAR											
09...	1.2	.07	1.3	.71	.16	1	1	<10	<1	1	1
APR											
27...	1.4	.07	1.5	.41	.21	3	2	<10	<1	2	<1
MAY											
25...	1.1	.04	1.1	1.1	.15	3	2	<10	<1	1	1
JUN											
22...	1.8	.03	1.8	.90	.35	3	3	<10	<1	32	<1
JUL											
27...	1.5	.05	1.5	.20	.17	4	3	10	<1	4	1
AUG											
10...	1.3	.02	1.3	.70	.13	3	2	<10	1	9	1
SEP											
07...	1.2	.02	1.2	.70	.16	3	3	<10	1	86	6

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY DISSOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DISSOLVED (UG/L AS NI)
OCT 13...	10	<1	12	9	3	3	<1	.1	<.1	3	2
NOV 17...	20	<1	31	6	14	12	<1	.1	.2	16	1
DEC 08...	20	<1	14	4	<3	3	1	.1	.1	4	2
JAN 27...	20	<1	14	5	14	6	1	<.1	<.1	5	4
FEB 18...	20	<1	35	11	94	20	<1	.1	.1	23	1
MAR 09...	10	<1	17	5	36	10	1	<.1	<.1	13	<1
APR 27...	20	<1	16	6	180	10	<1	<.1	<.1	5	3
MAY 25...	20	<1	28	14	34	13	3	.2	<.1	18	3
JUN 22...	10	<1	100	9	12	41	2	.2	<.1	19	1
JUL 27...	20	<1	51	14	45	21	4	.1	<.1	18	3
AUG 10...	20	<1	50	12	4	17	2	.1	<.1	11	4
SEP 07...	10	<1	91	17	12	47	1	1.3	<.1	15	2

DATE	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L)	PCB, TOTAL (UG/L)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)
OCT 13...	<1	<1	<1.0	90	8	4.4	<.01	<1	<1	<.10	<.10
NOV 17...	1	<1	<1.0	90	10	8.2	<.01	<1	<1	<.10	<.10
DEC 08...	<1	<1	<1.0	60	--	5.0	<.01	<1	<1	<.10	<.10
JAN 27...	<1	<1	<1.0	50	4	4.5	<.01	<1	<1	<.10	<.10
FEB 18...	<1	<1	1.0	70	14	7.2	<.01	<1	<1	<.10	<.10
MAR 09...	<1	<1	1.0	40	11	7.0	<.01	<1	<1	<.10	<.10
APR 27...	<1	<1	2.0	30	6	7.5	<.01	<1	<1	.10	<.10
MAY 25...	<1	<1	1.0	50	5	7.1	<.01	<1	<1	<.10	<.10
JUN 22...	<1	<1	1.1	120	8	6.3	<.01	1	1	<.10	<.10
JUL 27...	<1	<1	2.4	80	25	7.4	<.01	<1	<1	<.10	<.10
AUG 10...	<1	<1	2.2	50	8	6.4	<.01	<1	<1	<.10	<.10
SEP 07...	<1	<1	2.6	90	7	4.2	.40	<1	<1	<.10	<.10

< Actual value is known to be less than the value shown.

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	ALDRIN, TOTAL (UG/L)	CHLORDANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DIAZINON, TOTAL (UG/L)	DIELDRIN TOTAL (UG/L)	ENDOSULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTACHLOR, TOTAL (UG/L)
OCT											
13...	<.001	<.10	<.001	<.001	<.001	.09	.006	<.001	<.001	<.01	<.001
NOV											
17...	<.001	<.10	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.001
DEC											
08...	<.001	<.10	<.001	<.001	<.001	.01	.001	<.001	<.001	<.01	<.001
JAN											
27...	<.001	<.10	<.001	<.001	<.001	.01	<.001	<.001	<.001	<.01	<.001
FEB											
18...	<.001	<.10	<.001	.002	<.001	.02	.002	<.001	<.001	<.01	<.001
MAR											
09...	<.001	<.10	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.001
APR											
27...	<.001	<.10	.002	<.001	.029	<.01	.007	<.001	<.001	<.01	<.001
MAY											
25...	<.001	<.10	<.001	<.001	<.001	.01	.003	<.001	<.001	<.01	<.001
JUN											
22...	<.001	<.10	<.001	<.001	<.001	<.01	.004	<.001	<.001	<.01	<.001
JUL											
27...	<.001	<.10	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.001
AUG											
10...	<.001	<.10	<.001	<.001	<.001	.01	.005	<.001	<.001	<.01	<.001
SEP											
07...	<.001	<.10	<.001	<.001	<.001	<.01	.003	<.001	<.001	<.01	<.001

DATE	HEPTACHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALATHION, TOTAL (UG/L)	METHOXYCHLOR, TOTAL (UG/L)	METHYL PARATHION, TOTAL (UG/L)	METHYL TRITHION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARATHION, TOTAL (UG/L)	PERTHANE TOTAL (UG/L)	TOXAPHENE, TOTAL (UG/L)
OCT										
13...	<.001	.107	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.1
NOV										
17...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.1
DEC										
08...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.1
JAN										
27...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.1
FEB										
18...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.1
MAR										
09...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
APR										
27...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
MAY										
25...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
JUN										
22...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
JUL										
27...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
AUG										
10...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
SEP										
07...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1

< Actual value is known to be less than the value shown.

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT										
13...	<.01	<.01	<.01	<.01	<.01	18.3	<.100	82	8110	99
NOV										
17...	<.01	.01	<.01	<.01	<.01	3.46	.860	541	100000	100
DEC										
08...	<.01	.03	<.01	<.01	<.01	3.84	<.100	131	18000	99
JAN										
27...	<.01	.02	<.01	<.01	<.01	1.34	1.27	200	34800	99
FEB										
18...	<.01	--	--	--	--	1.14	<.100	633	232000	86
MAR										
09...	<.01	.02	<.01	<.01	<.01	1.65	.220	453	169000	83
APR										
27...	<.01	.03	<.01	<.01	<.01	1.60	<.100	411	135000	90
MAY										
25...	<.01	.04	<.01	.01	<.01	1.20	<.100	626	135000	100
JUN										
22...	<.01	--	--	--	--	1.80	<.100	567	202000	93
JUL										
27...	<.01	.06	<.01	.01	.01	2.40	<.100	395	67100	100
AUG										
10...	<.01	<.01	<.01	<.01	.01	5.80	<.100	289	44300	100
SEP										
07...	<.01	.01	<.01	.01	<.01	1.40	<.100	430	65900	68

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.5	18.0	16.0	---	7.0	7.5	15.0	19.0	27.0	27.0	31.0	30.0
2	25.5	18.0	15.0	---	7.0	7.5	15.0	19.0	27.0	27.0	---	30.0
3	25.5	17.0	15.0	14.0	7.0	8.5	15.0	19.0	28.0	28.0	30.0	30.0
4	25.0	18.0	15.0	14.0	6.0	9.0	15.0	19.0	27.0	28.0	30.0	30.0
5	26.0	18.0	14.5	9.5	6.0	9.0	15.0	19.0	28.0	28.0	30.0	30.0
6	25.0	18.0	14.5	9.5	6.0	8.0	15.0	20.0	28.0	28.0	30.0	29.0
7	25.0	17.0	14.0	9.5	5.0	8.0	15.0	21.0	28.0	29.0	30.0	29.0
8	25.0	17.0	14.0	8.5	6.0	8.5	15.0	21.0	28.0	30.0	30.0	29.0
9	25.5	---	14.0	8.5	6.0	8.5	---	21.0	28.0	30.0	31.0	29.0
10	---	16.5	13.0	7.0	5.0	8.5	15.0	21.0	28.0	30.0	31.0	28.0
11	24.5	16.5	13.0	5.0	6.0	8.5	15.0	21.0	28.0	30.0	31.0	28.0
12	25.5	16.5	13.0	5.0	6.0	10.0	15.0	22.0	28.0	---	30.0	28.0
13	24.5	16.5	11.5	---	5.0	10.5	16.0	22.0	28.0	30.0	30.0	28.0
14	24.5	16.5	11.0	5.0	4.5	10.5	16.0	22.0	28.0	30.0	30.0	28.0
15	24.0	16.0	11.0	5.0	5.0	11.5	16.0	22.0	27.0	30.0	30.0	28.0
16	24.0	16.0	11.0	5.0	5.5	12.0	16.0	23.0	27.0	30.0	30.0	29.0
17	24.0	16.0	10.0	3.5	6.0	12.0	16.0	23.0	27.0	30.0	30.0	29.0
18	23.0	16.0	10.0	4.5	6.0	14.5	16.0	23.0	28.0	30.0	30.0	29.0
19	21.5	16.5	---	5.0	7.0	13.5	---	24.0	27.0	30.0	31.0	29.0
20	21.5	15.0	---	5.0	7.0	13.5	17.0	24.0	27.0	30.0	31.0	29.0
21	21.5	15.0	---	6.0	7.0	14.0	17.0	24.0	27.0	30.0	31.0	27.0
22	21.5	15.0	---	6.0	---	14.0	17.0	25.0	27.0	30.0	31.0	27.0
23	20.5	15.0	---	6.0	8.5	14.0	16.0	25.0	27.0	30.0	30.0	27.0
24	19.0	15.5	---	5.0	8.5	14.0	17.0	25.0	27.0	31.0	30.0	27.0
25	19.0	15.5	---	6.0	9.0	14.0	17.0	25.0	27.0	30.0	31.0	27.0
26	19.5	15.5	---	6.0	8.5	13.0	18.0	26.0	27.0	30.0	31.0	27.0
27	18.5	16.0	---	6.0	9.0	13.5	18.0	26.0	26.0	30.0	31.0	27.0
28	18.5	16.0	---	6.0	7.5	13.0	18.0	26.0	27.0	31.0	31.0	26.0
29	18.0	16.0	---	7.0	---	13.0	19.0	---	27.0	31.0	31.0	26.0
30	18.0	16.0	---	7.0	---	13.5	19.0	27.0	27.0	30.0	30.0	26.0
31	18.0	---	---	7.0	---	14.0	---	27.0	---	30.0	30.0	---

< Actual value is known to be less than the value shown.

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
SAMPLING DEPTH 5.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44	76	56	---	36	28	26	24	55	41	34	30
2	58	86	63	---	44	29	25	22	50	41	---	29
3	53	86	58	---	33	28	24	22	49	40	32	30
4	42	100	76	30	24	22	26	27	45	40	30	30
5	50	110	54	36	26	23	24	22	48	40	30	30
6	60	110	60	40	30	18	36	24	44	41	29	30
7	39	110	52	36	43	22	29	25	44	40	34	29
8	41	110	61	37	36	25	28	20	43	40	32	28
9	46	---	---	---	36	26	---	28	44	40	29	28
10	---	110	51	44	31	23	34	26	46	34	32	29
11	44	91	53	---	---	22	28	31	46	40	31	31
12	46	84	56	39	34	24	30	25	46	---	34	22
13	48	86	53	---	31	28	30	30	44	44	36	24
14	54	91	50	34	29	24	28	26	46	43	32	27
15	42	98	50	---	26	26	49	26	42	44	33	25
16	44	47	46	33	36	26	26	25	39	44	---	26
17	50	81	49	---	31	24	41	24	42	44	34	26
18	50	74	48	36	36	24	20	27	40	46	32	---
19	52	75	---	36	32	25	---	29	43	37	32	28
20	56	73	---	31	29	26	---	32	42	43	34	26
21	50	62	---	30	40	28	26	44	44	40	34	70
22	46	74	---	36	---	26	---	41	41	41	30	26
23	44	59	---	36	33	28	23	28	42	36	30	23
24	60	56	---	30	28	26	26	32	44	38	---	26
25	74	54	---	34	26	28	26	36	39	36	29	24
26	50	52	---	37	27	27	24	38	39	36	31	22
27	50	54	---	37	39	28	22	37	34	36	34	26
28	40	49	---	41	25	28	21	---	31	36	32	28
29	35	56	---	42	---	27	23	---	34	32	30	24
30	40	52	---	48	---	25	26	48	37	32	30	23
31	55	---	---	44	---	---	---	42	---	30	26	---

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
SAMPLING DEPTH 25.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40	76	54	---	38	28	30	24	51	45	35	30
2	50	90	52	---	38	24	25	24	51	46	---	30
3	55	100	58	---	30	28	36	22	52	42	34	30
4	44	96	74	34	28	26	25	28	50	42	30	31
5	56	110	62	40	26	22	25	23	46	46	36	31
6	42	100	62	40	34	21	34	22	44	45	30	26
7	46	110	54	---	52	22	40	25	46	44	36	30
8	42	110	60	34	36	22	30	26	46	40	28	28
9	46	---	57	---	38	22	---	32	42	42	30	29
10	---	110	50	---	28	27	30	23	42	40	32	31
11	38	110	58	31	32	23	28	24	44	39	33	30
12	44	84	54	---	26	22	30	26	47	---	32	22
13	60	86	56	---	32	27	32	30	42	46	36	24
14	45	92	60	36	26	25	28	26	44	48	34	31
15	44	93	48	31	25	27	30	26	43	48	32	26
16	46	86	46	---	26	20	30	27	40	45	30	26
17	47	86	46	40	30	25	46	28	43	50	32	28
18	65	74	42	34	50	24	30	25	40	49	30	31
19	52	76	---	31	38	24	---	---	40	48	34	31
20	55	66	---	33	30	23	22	32	42	48	36	26
21	51	62	---	36	42	32	35	48	45	41	32	74
22	46	58	---	33	---	28	35	35	44	40	---	34
23	45	57	---	32	36	---	29	34	43	40	---	32
24	62	61	---	---	28	30	26	36	36	38	33	28
25	74	52	---	35	28	35	24	36	42	38	37	26
26	52	57	---	40	28	28	---	32	40	36	38	26
27	47	54	---	43	30	28	24	44	33	38	35	27
28	36	55	---	38	27	30	24	44	36	36	34	26
29	36	53	---	42	---	28	23	---	40	36	34	26
30	41	54	---	40	---	---	24	48	40	36	30	25
31	56	---	---	37	---	24	---	48	---	32	31	---

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
SAMPLING DEPTH 45.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	76	50	---	36	28	25	24	54	48	26	29
2	42	94	55	---	38	22	24	22	52	44	---	34
3	45	100	59	46	30	25	28	---	50	44	34	30
4	48	100	62	---	26	26	24	26	48	44	32	34
5	42	110	68	43	28	19	25	21	---	45	30	31
6	38	100	71	35	30	22	26	24	46	44	30	30
7	46	110	51	50	60	22	32	31	44	42	34	32
8	52	110	60	---	35	21	27	28	50	40	44	32
9	43	---	61	---	32	22	---	28	42	45	34	33
10	---	110	52	43	28	21	32	30	48	40	32	36
11	48	110	58	36	33	22	28	26	56	44	34	36
12	49	86	56	---	26	20	35	26	44	---	33	22
13	51	91	52	---	29	36	38	24	43	46	34	23
14	44	89	56	37	26	---	30	27	42	50	36	30
15	45	90	59	28	28	26	30	24	44	52	32	28
16	50	90	56	34	28	25	32	26	38	48	32	32
17	44	78	42	45	---	23	54	28	42	52	34	30
18	60	74	---	32	60	22	38	24	44	---	34	30
19	64	80	---	34	33	24	---	30	43	86	32	34
20	53	66	---	46	30	27	30	36	40	44	36	26
21	50	62	---	34	43	27	26	44	54	46	35	86
22	50	64	---	---	---	29	28	34	42	39	31	30
23	46	60	---	31	40	28	24	32	45	40	31	36
24	76	62	---	28	30	28	24	30	46	38	32	31
25	57	54	---	33	27	30	25	34	41	36	33	27
26	55	54	---	39	30	33	25	32	40	38	30	28
27	48	50	---	37	26	28	21	---	38	36	35	28
28	35	52	---	36	30	27	24	---	38	38	35	26
29	35	52	---	39	---	28	---	---	32	34	50	25
30	41	52	---	40	---	50	22	---	44	34	31	24
31	56	---	---	38	---	26	---	54	---	37	30	---

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA
(National stream-quality accounting network station)

LOCATION.--Lat 29°41'47", long 91°12'39", on line between lots 1 and 6, St Mary Parish, Hydrologic Unit 08080101, near center of span on downstream side of Southern Railways System bridge at Morgan City, 0.3 mi (0.5 km) downstream from U.S. Highway 90, 0.3 mi (0.5 km) upstream from Bayou Boeuf, and 1.0 mi (1.6 km) southwest of Morgan City High School.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1973 to September 1975 (discharge measurements only), October 1976 to current year (elevations and discharge measurements only). Gage heights, 1905 to December 1975 and discharge, intermittently, 1927 to December 1975 (collected in same vicinity) are in reports of Corps of Engineers, New Orleans district, and National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Discharge and elevation affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 6.71 ft (2.045 m) May 4, 1979; minimum, -0.94 ft (-0.286 m) Nov. 29, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 28, 1973, reached an elevation of 10.53 ft (3.210 m), from incomplete record, discharge not determined. Maximum discharge observed during flood of June 8, 1927, 741,000 cfs (20,985 m^3/s). Minimum elevation, -5.44 (1.658 m) Aug. 25, 1926 (affected by storm). All data from records of Corps of Engineers, New Orleans district.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 4.34 ft (1.323 m) June 27; minimum, -0.02 ft (-0.006 m) Oct. 19.

DISCHARGE MEASUREMENTS MADE DURING YEAR

Date	Discharge (ft^3/s)	Date	Discharge (ft^3/s)	Date	Discharge (ft^3/s)
Oct. 3, 1981......	45,700	Mar. 9............	211,000	June 22.............	181,000
Nov. 3............	124,000	Mar. 30............	180,000	July 13.............	135,000
Nov. 17............	113,000	Apr. 12............	214,000	July 27.............	113,000
Dec. 8............	49,100	Apr. 27............	174,000	Aug. 10.............	99,000
Jan. 27, 1982......	101,000	May 11............	138,000	Aug. 24.............	97,500
Feb. 18............	171,000	May 25............	120,000	Sept. 7.............	102,000
Feb. 23............	210,000	June 15............	160,000	Sept. 14.............	123,000

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.35	2.17	1.79	1.21	1.48	3.27	3.39	3.34	2.52	3.74	2.39	2.34
2	1.51	2.02	1.13	1.33	1.73	3.22	3.53	3.31	2.47	3.63	2.74	2.39
3	1.09	2.05	1.79	1.36	2.02	3.28	3.78	3.26	2.79	3.54	2.47	2.32
4	1.75	2.01	1.27	1.21	1.92	3.37	3.61	3.25	2.99	3.55	2.40	1.61
5	1.65	2.00	.42	.84	2.22	3.51	4.06	3.20	2.61	3.38	2.36	1.73
6	1.62	1.69	1.01	1.23	2.26	3.56	3.74	3.44	2.68	3.40	2.22	1.99
7	1.52	1.26	.92	1.35	2.31	3.35	3.81	3.51	2.82	3.15	2.39	1.75
8	1.73	1.75	1.03	.73	2.75	3.45	4.11	2.98	2.92	3.01	2.51	1.99
9	1.58	1.97	.81	1.14	3.03	3.63	3.82	3.06	3.19	2.78	2.20	2.02
10	1.88	1.16	.83	1.35	2.99	3.72	3.93	3.03	3.15	2.90	2.07	2.19
11	.90	1.03	1.26	.58	3.07	3.79	3.93	2.88	2.97	2.72	1.96	3.41
12	1.02	1.23	1.50	1.57	3.20	3.78	4.04	2.80	2.97	2.59	2.32	2.75
13	1.22	1.57	1.44	1.38	2.38	3.68	3.98	2.88	3.09	2.56	2.07	2.72
14	1.70	1.60	2.16	1.41	3.07	3.57	3.79	2.85	3.02	2.61	2.03	2.59
15	1.28	2.08	1.15	1.61	3.35	3.41	3.77	2.60	3.40	2.70	2.14	2.62
16	1.61	2.29	1.36	1.61	3.45	3.42	3.87	2.37	3.63	2.86	2.50	2.29
17	1.66	1.91	1.31	1.32	3.45	3.27	3.81	2.36	3.67	2.93	2.48	2.34
18	1.58	1.92	.19	1.41	3.49	3.06	3.55	2.39	3.62	2.94	2.61	2.15
19	.59	2.12	.33	1.77	3.43	3.02	3.63	2.53	3.72	2.93	2.34	2.22
20	.91	.94	.55	1.58	3.44	3.03	3.62	2.66	3.88	2.93	2.20	2.00
21	1.32	1.29	1.23	1.66	3.50	3.03	3.59	2.77	3.87	2.82	1.97	1.66
22	1.34	1.34	1.11	1.55	3.44	2.93	3.48	2.68	3.93	2.79	1.83	1.11
23	1.50	1.41	1.02	1.75	3.47	2.95	3.50	2.75	4.04	2.84	1.71	1.74
24	1.14	1.46	.55	1.30	3.52	3.35	3.70	2.81	3.77	2.44	1.63	1.81
25	1.39	1.28	.71	1.66	3.46	3.54	3.81	2.66	3.70	2.25	1.77	2.26
26	1.28	1.71	1.04	1.11	3.53	2.86	3.80	2.56	3.73	2.16	1.67	1.68
27	.71	1.41	1.13	1.61	3.33	3.21	3.43	2.37	3.86	1.85	1.98	1.95
28	1.48	1.24	1.56	1.63	3.37	3.11	3.30	2.30	3.87	1.92	1.82	2.18
29	1.44	1.43	.89	1.59	---	3.42	3.34	2.31	3.92	2.15	1.83	2.37
30	1.62	1.47	.95	2.26	---	3.49	3.25	2.20	3.79	2.22	2.26	2.42
31	1.70	---	2.44	2.66	---	3.58	---	2.44	---	2.27	2.35	---
MAX	1.88	2.29	2.44	2.66	3.53	3.79	4.11	3.51	4.04	3.74	2.74	3.41
MIN	.59	.94	.19	.58	1.48	2.86	3.25	2.20	2.47	1.85	1.63	1.11

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1959-60, 1973 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1978 to September 1981 (discontinued).
WATER TEMPERATURES: October 1976 to current year.
CHLORIDE-SURFACE: October 1974 to current year.
CHLORIDE-25 FT DEPTH: October 1980 to current year.
CHLORIDE-45 FT DEPTH: October 1980 to current year.

COOPERATION.--Chloride samples collected by the Corps of Engineers and analyzed by the Geological Survey. Corps of Engineers station 03780.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 622 micromnos Jan. 21, 1981; minimum daily, 179 micromnos Feb. 23, 1979.
WATER TEMPERATURES: Maximum daily, 32.0°C July 28, 1977; minimum daily, 4.0°C Feb. 9-11, 1978.
CHLORIDE-SURFACE: Maximum daily, 160 mg/L June 14, 15, 16, 1977; minimum daily, 11 mg/L Jan. 6, May 10, 1975.
CHLORIDE-25 FT DEPTH: Maximum daily, 120 mg/L Nov. 5, 1981; minimum daily, 21 mg/L Feb. 18, 1982.
CHLORIDE-45 FT DEPTH: Maximum daily, 130 mg/L Dec. 9, 1981; minimum daily, 20 mg/L Feb. 17, 1982.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (FTU)	SETTLEABLE MATTER (ML/L/HR)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)
OCT												
13...	1400	45700	568	7.9	25.0	10	7.0	<1.0	8.1	--	.3	K350
NOV												
17...	1400	113000	598	7.6	16.0	15	180	<1.0	8.3	40	2.6	600
DEC												
08...	1400	49100	526	7.7	13.5	15	34	<1.0	9.3	<10	1.7	410
JAN												
27...	1300	101000	383	7.2	6.0	30	55	<1.0	12.3	--	2.8	1000
FEB												
18...	1430	171000	238	7.4	7.0	30	170	<1.0	11.7	20	6.3	1800
MAR												
09...	1400	211000	285	6.7	8.5	20	120	<1.0	10.3	170	--	K4000
APR												
27...	1200	174000	299	6.8	16.5	30	130	<1.0	8.1	130	1.4	290
MAY												
25...	1230	120000	393	7.3	25.0	15	210	<1.0	6.7	29	.1	K350
JUN												
22...	1200	181000	441	7.1	26.0	50	140	<1.0	6.0	47	.0	--
JUL												
27...	1300	113000	427	7.0	30.5	20	130	<1.0	6.5	85	.6	K140
AUG												
10...	1230	99000	404	6.8	29.0	20	130	<1.0	6.7	18	--	K750
SEP												
07...	1410	102000	383	6.2	29.0	10	100	<1.0	6.9	46	.7	200

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
OCT 13...	K30	420	180	49	15	36	3.4	137	65	47	.3	3.7
NOV 17...	K110	K9000	170	45	13	57	3.5	96	69	78	--	--
DEC 08...	K50	1800	170	45	14	39	3.3	118	61	51	.2	5.8
JAN 27...	260	1700	120	32	9.2	25	3.0	87	39	36	--	--
FEB 18...	120	2000	79	22	5.8	14	2.8	58	28	18	.1	5.0
MAR 09...	K70	1400	100	28	7.4	13	2.9	70	33	19	--	--
APR 27...	K60	960	120	31	9.6	17	2.7	72	36	18	.1	7.1
MAY 25...	K50	850	140	39	10	23	3.0	106	38	30	--	--
JUN 22...	K130	880	140	41	10	28	3.6	99	44	39	.2	6.7
JUL 27...	K75	K2000	130	38	9.7	25	3.5	107	42	34	--	--
AUG 10...	150	500	130	34	10	24	3.4	105	33	29	.3	6.4
SEP 07...	K40	200	150	39	12	24	3.8	105	40	26	--	--

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)
OCT 13...	320	301	20	.78	.01	.79	.79	.08	.62	--	.10	.06
NOV 17...	--	--	392	.86	.04	.90	--	--	--	.48	.27	--
DEC 08...	307	290	--	--	<.01	1.2	1.2	.04	.34	--	.10	.07
JAN 27...	--	--	101	1.2	.05	1.2	--	--	--	.73	.22	--
FEB 18...	154	131	344	.88	.08	.96	.98	.20	1.3	--	--	.08
MAR 09...	--	--	276	1.1	.06	1.2	--	--	--	.73	.14	--
APR 27...	189	164	--	--	--	--	1.5	.08	.59	--	.14	.05
MAY 25...	--	--	580	1.1	.04	1.1	--	--	--	1.2	.14	--
JUN 22...	259	232	337	1.7	.09	1.8	1.7	.07	1.4	--	.34	.08
JUL 27...	--	--	416	1.5	.07	1.6	--	--	--	.30	.24	--
AUG 10...	217	203	334	--	<.01	--	1.3	.06	1.0	--	.30	.09
SEP 07...	--	--	195	1.2	.02	1.2	--	--	--	.80	.22	--

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)
OCT												
13...	.05	3	2	100	2	<10	1	<1	1	10	10	<1
NOV												
17...	--	2	1	--	--	<10	<1	1	<1	20	--	<1
DEC												
08...	.06	1	1	--	--	<10	<1	<1	1	10	--	<1
JAN												
27...	--	1	1	--	--	<10	<1	<1	1	20	--	<1
FEB												
18...	.08	2	1	100	46	<10	<1	<1	2	20	<10	<1
MAR												
09...	--	2	1	--	--	<10	<1	1	<1	10	--	<1
APR												
27...	.04	3	2	--	--	<10	<1	2	<1	20	--	<1
MAY												
25...	--	3	2	--	--	<10	<1	1	<1	20	--	<1
JUN												
22...	.07	2	2	100	93	<10	<1	45	3	20	10	<1
JUL												
27...	--	5	3	--	--	<10	--	4	3	20	--	<1
AUG												
10...	.09	3	2	200	85	<10	<1	9	1	10	10	<1
SEP												
07...	--	3	3	--	--	<10	1	36	3	10	--	<1

DATE	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)
OCT												
13...	<1	<1	13	6	700	3	3	<1	70	1	.1	.1
NOV												
17...	--	--	21	7	--	31	10	<1	--	--	<.1	<.1
DEC												
08...	--	--	21	3	--	<3	3	<1	--	--	.1	.1
JAN												
27...	--	--	14	5	--	18	6	1	--	--	<.1	.1
FEB												
18...	5	<1	38	7	14000	72	15	<1	440	22	.1	.1
MAR												
09...	--	--	15	6	--	46	10	2	--	--	<.1	<.1
APR												
27...	--	--	19	7	--	74	10	<1	--	--	<.1	<.1
MAY												
25...	--	--	32	8	--	18	14	3	--	--	.2	.2
JUN												
22...	7	<1	120	28	8100	49	45	3	430	10	.2	<.1
JUL												
27...	--	--	36	12	--	10	19	6	--	--	.8	<.1
AUG												
10...	6	<1	38	12	8200	14	16	5	330	10	.1	<.1
SEP												
07...	--	--	54	15	--	3	22	1	--	--	.4	.1

< Actual value is known to be less than the value shown.

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, TOTAL RECOVERABLE (UG/L AS AG)	SILVER, DISSOLVED (UG/L AS AG)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)
OCT												
13...	4	3	1	<1	<1	<1	<1.0	40	4	--	--	--
NOV												
17...	12	1	1	<1	--	--	1.0	60	5	6.6	<.01	1
DEC												
08...	--	--	<1	<1	--	--	<1.0	50	12	5.3	<.01	<1
JAN												
27...	6	5	<1	<1	--	--	<1.0	50	10	5.1	<.01	<1
FEB												
18...	22	2	<1	<1	2	<1	1.0	70	31	6.7	<.01	<1
MAR												
09...	11	<1	<1	<1	--	--	1.0	40	7	6.7	<.01	<1
APR												
27...	--	--	<1	<1	--	--	2.0	40	12	--	<.01	<1
MAY												
25...	18	4	<1	<1	--	--	1.8	60	<4	7.6	<.01	<1
JUN												
22...	26	2	<1	<1	<1	<1	2.1	120	67	13	<.01	<1
JUL												
27...	19	4	<1	<1	--	--	2.0	20	20	7.4	<.01	<1
AUG												
10...	13	5	<1	<1	<1	<1	2.0	70	12	7.0	<.01	<1
SEP												
07...	12	1	<1	<1	--	--	2.4	60	8	5.4	.40	<1

DATE	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L)	PCB, TOTAL (UG/L)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLORDANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DIAZINON, TOTAL (UG/L)	DIELDRIN TOTAL (UG/L)	ENDOSULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)
OCT												
13...	--	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.05	.001	<.001	<.001
NOV												
17...	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.04	.001	<.001	<.001
DEC												
08...	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.06	<.001	<.001	<.001
JAN												
27...	1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.01	<.001	<.001	<.001
FEB												
18...	3	<.10	<.10	<.001	<.10	<.001	<.001	.003	.01	.004	<.001	<.001
MAR												
09...	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01	<.001	<.001	<.001
APR												
27...	<1	.20	<.10	<.001	<.10	.004	<.001	.029	.01	.007	<.001	<.001
MAY												
25...	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.11	<.001	<.001	<.001
JUN												
22...	1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01	.003	<.001	<.001
JUL												
27...	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01	<.001	<.001	<.001
AUG												
10...	1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01	.004	<.001	<.001
SEP												
07...	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01	.003	<.001	<.001

< Actual value is known to be less than the value shown.

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)
OCT 13...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.01	< .1
NOV 17...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.01	< .1
DEC 08...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.01	< .1
JAN 27...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.01	< .1
FEB 18...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.01	< .1
MAR 09...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.01	< .1
APR 27...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
MAY 25...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
JUN 22...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
JUL 27...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
AUG 10...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1
SEP 07...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.10	<1

DATE	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 13...	<.01	<.01	<.01	<.01	<.01	14.0	<.100	92	11400	96
NOV 17...	<.01	.06	<.01	.01	<.01	3.55	<.100	520	159000	100
DEC 08...	<.01	.11	<.01	.01	<.01	4.11	<.100	536	71100	100
JAN 27...	<.01	.01	<.01	<.01	<.01	--	--	221	60200	99
FEB 18...	<.01	<.01	<.01	<.01	<.01	.600	<.100	620	286000	85
MAR 09...	<.01	--	--	--	--	1.48	<.100	496	282000	74
APR 27...	<.01	.04	<.01	<.01	<.01	2.10	<.100	412	193000	86
MAY 25...	<.01	.06	<.01	.01	<.01	1.60	<.100	649	210000	100
JUN 22...	<.01	--	--	--	--	1.60	<.100	590	289000	94
JUL 27...	<.01	.04	<.01	.01	<.01	2.30	<.100	452	138000	98
AUG 10...	<.01	<.01	<.01	<.01	<.01	2.90	<.100	295	79000	99
SEP 07...	<.01	.01	<.01	.01	<.01	2.20	.700	290	79900	100

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07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.0	---	16.5	11.0	7.0	9.5	15.0	---	---	26.0	---	28.5
2	25.0	18.0	16.0	---	8.0	9.5	15.0	---	---	26.5	28.5	28.5
3	---	18.0	15.0	---	8.0	9.5	---	19.0	27.0	---	28.5	29.0
4	25.5	18.0	15.0	11.0	8.0	9.5	---	19.5	27.0	---	28.5	---
5	---	17.0	---	11.0	---	9.5	15.0	19.5	---	27.0	---	---
6	26.0	17.0	---	10.0	---	---	---	19.5	---	27.5	28.5	28.0
7	26.0	---	14.5	10.0	---	---	15.0	20.0	27.0	28.0	---	28.0
8	26.0	---	14.0	9.0	6.5	9.5	15.0	---	26.0	28.0	---	27.0
9	26.0	18.0	13.5	---	---	9.5	---	---	26.0	28.5	29.0	27.0
10	---	18.0	13.0	---	6.0	10.0	---	20.5	---	---	29.0	26.5
11	---	17.0	---	4.5	6.0	10.0	---	21.0	---	---	29.0	---
12	25.0	17.0	---	5.0	6.0	11.0	15.0	21.0	---	28.5	29.0	---
13	25.0	---	---	6.0	---	---	15.0	21.0	26.0	28.5	29.5	26.5
14	24.0	---	12.0	5.5	---	---	15.0	22.0	26.0	29.0	---	26.0
15	24.0	---	11.0	5.0	---	13.5	16.0	21.0	---	28.0	---	26.5
16	24.0	17.0	10.5	---	7.5	---	---	---	26.0	28.0	29.5	---
17	23.5	17.0	11.0	---	7.0	13.5	---	22.0	26.0	---	29.0	---
18	---	17.0	11.0	5.0	8.0	14.5	---	22.5	27.0	---	---	---
19	21.0	17.0	---	6.0	8.0	14.5	16.0	23.0	---	28.5	---	---
20	22.0	17.0	---	7.5	---	---	16.0	23.0	---	28.5	---	27.5
21	22.0	---	9.5	7.5	---	---	16.0	24.5	26.0	28.5	---	26.5
22	22.0	---	10.0	6.5	9.0	15.0	16.0	---	26.0	---	---	25.0
23	21.0	---	11.0	---	9.5	14.5	---	---	26.0	---	---	---
24	21.0	18.0	9.5	---	9.5	15.0	---	24.0	26.0	---	29.0	25.0
25	---	---	---	8.5	10.5	15.0	---	24.5	25.5	---	29.0	---
26	20.0	17.0	---	---	10.5	15.0	16.0	25.0	---	29.0	29.0	---
27	19.0	17.0	11.0	7.5	---	---	16.0	---	---	29.5	29.0	24.5
28	19.0	---	---	7.5	---	---	---	---	26.0	29.0	---	24.0
29	18.0	---	10.0	---	---	13.5	17.0	---	26.0	29.0	---	24.0
30	18.0	17.5	9.5	---	---	14.0	17.0	---	---	28.5	29.0	---
31	---	---	11.0	---	---	14.0	---	---	---	---	---	---

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
SAMPLING DEPTH 5.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	---	54	40	38	30	28	---	---	36	---	30
2	50	84	59	---	36	26	---	---	---	41	35	30
3	---	100	56	---	32	26	---	21	47	---	35	34
4	42	96	68	36	28	26	---	20	47	---	35	---
5	---	110	---	43	---	---	26	22	---	39	31	---
6	41	120	---	38	---	---	---	24	---	39	32	30
7	44	---	59	36	---	---	26	22	44	42	---	30
8	43	---	54	40	36	26	29	---	44	40	---	30
9	43	110	56	---	---	24	---	---	41	39	32	32
10	---	110	63	---	31	29	---	22	---	---	32	28
11	---	99	---	44	30	24	---	24	---	---	36	---
12	46	95	---	42	30	---	31	22	---	42	36	---
13	44	---	---	45	---	---	30	---	41	44	32	26
14	46	---	56	36	---	---	42	30	40	44	---	26
15	42	---	54	38	---	26	26	---	---	43	---	26
16	46	88	49	---	24	---	---	---	36	46	36	---
17	50	91	54	---	26	24	---	26	44	---	---	---
18	---	76	76	34	24	24	---	28	44	---	---	---
19	49	76	---	40	30	26	30	46	---	42	---	---
20	64	71	---	48	---	---	26	40	---	39	---	26
21	52	---	45	34	---	---	26	30	40	45	---	26
22	50	---	48	37	23	26	26	---	43	---	---	26
23	48	---	66	---	20	34	---	---	44	---	---	---
24	54	58	50	---	22	32	---	31	39	---	34	24
25	---	59	---	40	26	56	---	34	38	---	34	---
26	66	59	---	---	26	---	26	---	---	36	30	---
27	51	56	44	41	---	---	24	---	---	78	34	24
28	47	---	---	40	---	---	---	---	34	36	---	24
29	39	---	50	---	---	50	54	---	36	35	---	24
30	39	54	48	---	---	62	32	---	---	34	30	---
31	---	---	48	---	---	41	---	---	---	---	---	---

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
SAMPLING DEPTH 25.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	---	52	46	36	35	28	---	---	40	---	31
2	50	82	59	---	38	27	28	---	---	45	31	32
3	---	86	62	---	32	26	---	25	54	---	36	36
4	42	96	64	36	28	31	---	22	56	---	36	---
5	---	120	---	38	---	34	45	24	---	44	35	---
6	42	110	---	38	---	---	---	34	---	46	34	31
7	44	---	60	42	---	---	38	33	52	44	---	30
8	44	---	55	36	38	36	25	---	46	42	---	32
9	48	110	94	---	---	25	---	---	48	46	34	32
10	---	110	54	---	32	26	---	23	---	---	37	28
11	---	92	---	42	27	31	---	24	---	---	38	---
12	41	86	---	54	35	26	44	22	---	44	36	---
13	47	---	---	52	---	---	30	26	45	54	38	28
14	46	---	66	38	---	---	35	30	---	45	---	26
15	44	---	55	34	26	26	30	---	---	43	---	30
16	48	86	50	---	24	---	---	---	47	46	36	---
17	52	88	52	---	21	26	---	32	42	---	30	---
18	---	88	46	36	21	26	---	32	41	---	---	---
19	50	80	---	48	---	---	29	34	---	44	---	---
20	59	72	---	36	---	---	25	32	---	44	---	26
21	54	---	60	---	---	---	25	34	46	44	---	26
22	48	---	42	35	24	29	27	---	45	---	---	28
23	46	---	54	---	27	33	---	---	45	---	---	---
24	56	56	53	---	22	39	---	34	45	---	34	25
25	---	59	---	40	27	56	---	39	38	---	35	---
26	66	68	---	---	24	56	24	37	---	34	36	---
27	49	60	47	38	---	---	22	---	---	38	32	25
28	46	---	---	41	---	---	---	---	36	38	---	26
29	37	---	48	---	---	32	58	---	40	36	---	25
30	37	57	48	---	---	50	28	---	---	32	27	---
31	---	---	48	---	---	34	---	---	---	---	---	---

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
SAMPLING DEPTH 45.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	---	53	48	36	36	40	---	---	46	---	35
2	60	85	62	---	---	30	---	---	---	46	34	36
3	---	90	58	---	36	27	---	24	55	---	34	34
4	44	98	56	43	30	32	---	28	46	---	36	---
5	---	110	---	40	---	---	34	26	---	44	36	---
6	42	100	---	36	---	---	---	22	---	45	40	34
7	44	---	66	38	---	---	36	25	48	45	---	30
8	43	---	58	44	37	44	26	---	55	44	---	32
9	46	110	130	---	---	26	---	---	48	40	40	34
10	---	110	59	---	36	31	---	22	---	---	42	34
11	---	100	---	42	28	30	---	30	---	---	44	---
12	44	88	---	46	26	---	34	---	---	50	38	---
13	45	---	---	48	---	---	39	30	44	52	40	27
14	46	---	50	36	---	---	24	32	42	46	---	27
15	45	---	50	35	---	28	30	26	---	50	---	38
16	50	95	50	---	23	---	---	---	---	46	36	---
17	48	91	59	---	20	26	---	28	46	---	---	---
18	---	91	40	37	22	26	---	33	43	---	---	---
19	---	80	---	46	---	---	26	34	---	44	---	---
20	51	72	---	31	---	---	27	34	---	42	---	28
21	50	---	57	39	---	---	24	36	48	43	---	28
22	51	---	54	40	25	31	28	---	44	---	---	31
23	44	---	50	---	28	34	---	---	50	---	---	---
24	59	56	52	---	22	40	---	32	36	---	35	22
25	---	58	---	38	27	56	---	36	36	---	35	---
26	66	64	---	---	26	---	22	---	---	82	35	---
27	52	60	48	37	---	---	24	---	---	39	34	26
28	49	---	---	38	---	---	---	---	39	42	---	28
29	40	---	47	---	---	30	28	---	40	36	---	26
30	40	62	52	---	---	35	22	---	---	35	33	---
31	---	---	46	---	---	40	---	---	---	---	---	---

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°04'15", long 91°49'45", on line between lots 8 and 17, T. 11 S., R. 6 E., St. Martin Parish, Hydrologic Unit 08080102, on right bank of concrete lock and dam, 3.5 mi (5.6 km) south of St. Martinville, and 11 mi (18 km) upstream from Loreauville Canal.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1959 to current year. Daily gage heights since July 1913 in reports of Corps of Engineers.

GAGE.--Water-stage recorder and concrete dam. Datum of gage is mean low Gulf level or 0.78 ft (0.238 m) below National Geodetic Vertical Datum of 1929.

REMARKS.--Records good below 1,700 ft^3/s (48.1 m^3/s) and poor above. Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station by way of Bayou Courtableau at weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaises floodgates and to or from West Atchafalaya Floodway through Big D'Arbonne Bayou Culvert and since April 1956 through Bayou Courtableau Drainage Structure. Since April 1952, floodflow is diverted from Bayou Rapides (drainage area, 76.1 mi^2 or 197 km^2) into Bayou Boeuf when stages of Red River make it necessary to close gates at mouth of Bayou Rapides. Dependent upon its gradient, Bayou Fusilier interchanges flow between Bayou Teche and Vermilion River. Water from irrigation is diverted through Ruth Canal (station 07386700) into Vermilion River. Crest of dam raised from 8.0 ft (2.438 m) to 9.47 ft (2.886 m) in June 1957.

AVERAGE DISCHARGE.--23 years, 501 ft^3/s (14.19 m^3/s), 363,000 acre-ft/yr (448 hm^3/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,970 ft^3/s (112 m^3/s) Sept. 5, 1973, maximum gage height, 15.59 ft (4.752 m) Oct. 4, 1964; minimum discharge, no flow Aug. 10-29, 1962, June 12-16, 1963, July 24, 1964, July 21, 1972.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since July 1913, 24.30 ft (7.407 m) May 27, 1927; minimum, 0.75 ft (0.229 m) July 18, 1918.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,960 ft^3/s (55.5 m^3/s) Feb. 15; gage height, 11.69 ft (3.563 m); Feb. 15; minimum daily discharge, 50 ft^3/s (1.42 m^3/s) June 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	[illegible]	[illegible]	155	645	[illegible]	541	170	570	114	436	433	165
2	[illegible]	534	151	760	640	599	166	539	92	364	696	158
3	[illegible]	421	151	745	[illegible]	560	224	600	121	295	722	155
4	[illegible]	441	147	671	667	551	247	531	119	269	616	150
5	[illegible]	515	136	634	526	568	406	534	109	247	558	132
6	222	577	132	535	573	662	321	542	91	216	670	131
7	226	638	140	616	677	675	298	776	86	185	839	156
8	[illegible]	636	127	572	615	565	284	658	68	168	739	152
9	227	603	115	590	416	571	251	586	53	153	661	145
10	[illegible]	608	116	531	603	555	222	553	50	156	690	143
11	[illegible]	563	112	516	568	545	206	515	56	147	885	552
12	267	573	123	532	623	636	174	481	65	125	1013	670
13	252	552	154	706	593	641	177	452	47	100	1000	582
14	236	636	163	666	561	512	192	567	120	142	807	752
15	233	665	230	511	1040	596	130	441	147	200	727	721
16	[illegible]	435	276	[illegible]	1550	576	195	390	253	185	661	644
17	224	450	452	514	1270	567	257	359	267	170	587	615
18	226	243	404	488	1200	529	253	339	268	217	591	637
19	232	255	605	506	1160	636	279	288	258	197	507	640
20	196	226	605	524	1010	365	316	266	274	175	430	637
21	196	207	476	533	916	358	556	202	245	189	339	616
22	172	204	472	515	836	317	1019	247	303	168	286	597
23	175	166	464	553	799	243	1080	219	407	168	259	597
24	175	160	587	543	761	214	1020	212	466	167	243	599
25	161	172	566	547	741	200	900	200	505	180	235	596
26	185	163	445	527	720	170	836	187	458	206	240	562
27	195	172	473	583	655	146	791	182	516	195	235	515
28	265	159	466	573	620	183	687	202	457	192	220	466
29	117	158	436	543	---	177	621	209	401	202	214	417
30	161	168	478	537	---	177	601	185	418	245	196	379
31	120	---	526	517	---	142	---	144	---	328	178	---
TOTAL	7130	10133	9262	[illegible]	21154	14540	12838	12116	6927	6420	16451	13079
MEAN	230	338	299	586	756	469	428	391	231	207	531	436
MAX	267	673	587	760	1550	682	1080	776	516	446	1010	752
MIN	117	158	112	497	416	177	166	144	50	100	178	131
AC-FT	14140	20100	18370	[illegible]	41960	28840	25460	24030	13740	12730	32630	25940

CAL YR 1981 TOTAL 128644 MEAN 352 MAX 1671 MIN 71 AC-FT 255100
WTR YR 1982 TOTAL 148142 MEAN 406 MAX 1550 MIN 50 AC-FT 293800

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.06	10.17	9.93	10.56	10.40	10.53	9.95	10.49	9.83	10.39	10.32	9.91
2	10.08	10.15	9.92	10.68	10.61	10.51	9.93	10.46	9.78	10.22	10.63	9.92
3	10.05	10.18	9.90	10.67	10.73	10.57	10.04	10.41	9.84	10.15	10.65	9.91
4	10.04	10.34	9.90	10.60	10.60	10.59	10.08	10.41	9.84	10.11	10.54	9.90
5	10.05	10.43	9.87	10.51	10.52	10.60	10.16	10.45	9.82	10.08	10.48	9.87
6	10.04	10.38	9.86	10.52	10.49	10.61	10.19	10.46	9.78	10.03	10.60	9.86
7	10.04	10.34	9.86	10.54	10.38	10.61	10.15	10.71	9.75	9.97	10.78	9.91
8	10.05	10.33	9.85	10.49	10.31	10.59	10.14	10.60	9.72	9.90	10.67	9.90
9	10.04	10.40	9.83	10.52	10.34	10.60	10.08	10.51	9.71	9.91	10.59	9.89
10	10.07	10.41	9.83	10.51	10.40	10.58	10.04	10.48	9.67	9.91	10.62	9.89
11	10.09	10.47	9.82	10.43	10.49	10.56	10.01	10.43	9.68	9.90	10.82	10.43
12	10.11	10.50	9.86	10.50	10.55	10.56	9.95	10.39	9.71	9.85	10.94	10.37
13	10.08	10.47	9.90	10.64	10.52	10.56	9.95	10.35	9.76	9.80	10.96	10.50
14	10.06	10.41	10.21	10.60	10.48	10.54	9.98	10.49	9.84	9.88	10.75	10.69
15	10.06	10.35	10.06	10.54	10.91	10.52	9.96	10.34	9.89	9.99	10.66	10.66
16	10.04	10.29	10.12	10.52	11.39	10.50	9.99	10.28	10.07	9.97	10.57	10.57
17	10.06	10.22	10.23	10.46	11.18	10.48	10.09	10.24	10.11	9.94	10.51	10.56
18	10.06	10.15	10.27	10.41	11.11	10.45	10.09	10.21	10.11	10.02	10.51	10.56
19	10.00	10.09	10.39	10.42	11.03	10.35	10.13	10.14	10.09	9.99	10.42	10.57
20	9.99	10.04	10.30	10.44	10.34	10.24	10.18	10.11	10.13	9.95	10.33	10.56
21	9.97	10.01	10.26	10.45	10.85	10.23	10.46	10.10	10.14	9.98	10.21	10.54
22	9.94	10.00	10.25	10.43	10.77	10.18	10.93	10.08	10.16	9.94	10.14	10.52
23	9.95	9.99	10.29	10.47	10.73	10.07	11.01	10.03	10.30	9.94	10.09	10.52
24	9.95	9.98	10.50	10.46	10.70	10.03	10.95	10.02	10.37	9.90	10.07	10.52
25	9.96	9.94	10.48	10.51	10.68	10.00	10.84	10.00	10.42	9.96	10.06	10.52
26	9.97	9.93	10.39	10.52	10.64	9.98	10.77	9.97	10.36	10.01	10.07	10.44
27	9.97	9.96	10.38	10.51	10.58	9.97	10.73	9.96	10.43	9.99	10.06	10.43
28	10.09	9.92	10.37	10.50	10.55	9.97	10.62	10.00	10.36	9.98	10.03	10.37
29	10.18	9.91	10.33	10.45	---	9.95	10.55	10.00	10.29	10.00	10.02	10.31
30	10.22	9.90	10.30	10.41	---	9.95	10.53	9.97	10.31	10.14	9.99	10.26
31	10.20	---	10.44	10.43	---	9.96	---	9.90	---	10.19	9.96	---
MAX	10.22	10.50	10.50	10.68	11.39	10.61	11.01	10.71	10.43	10.39	10.96	10.69
MIN	9.94	9.90	9.82	10.41	10.31	9.95	9.93	9.90	9.67	9.80	9.96	9.86

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966-67, 1975 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1974 to September 1981 (discontinued).
WATER TEMPERATURES: October 1974 to September 1981 (discontinued).

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 522 micromhos July 22, 1980; minimum daily, 39 micromhos May 19, 1980.
WATER TEMPERATURES: Maximum daily, 36.0°C July 8, 1980; minimum daily, 3.5°C Jan. 19, 1977.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (FTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT										
14...	1245	236	285	7.2	25.5	20	18	4.8	.8	260
DEC										
01...	0900	170	271	6.9	19.0	50	18	7.0	--	K100
FEB										
16...	1100	1110	95	6.7	15.0	80	180	8.0	2.1	5200
APR										
13...	1000	155	274	6.8	21.0	60	50	5.9	2.9	K60
JUN										
18...	1030	274	366	7.0	29.0	30	20	3.6	2.9	400
AUG										
10...	1000	564	147	6.4	28.0	100	60	2.8	--	680

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)
OCT										
14...	810	80	19	8.0	28	3.2	79	10	31	.2
DEC										
01...	48000	87	21	8.3	19	4.4	72	20	23	.1
FEB										
16...	K34000	28	7.1	2.5	4.6	2.9	30	3.7	6.6	<.1
APR										
13...	14000	99	23	10	21	2.8	93	12	20	.2
JUN										
18...	720	120	28	11	29	4.0	110	11	35	.2
AUG										
10...	6300	46	10	5.1	9.8	3.0	43	6.0	12	.2

DATE	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
OCT									
14...	13	163	159	.17	.17	.51	.27	.20	.19
DEC									
01...	12	169	151	.37	.17	--	.19	.14	.12
FEB									
16...	4.9	71	50	.36	.19	.91	.38	.18	.18
APR									
13...	10	173	155	.46	.16	.79	.22	.12	.13
JUN									
18...	13	222	197	.30	.16	.80	.34	.23	.23
AUG									
10...	12	103	86	.31	.15	1.30	.38	.24	.22

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	BARIUM, DIS-SOLVED (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO)	COBALT, DIS-SOLVED (UG/L AS CO)
OCT										
14...	5	3	100	80	<1	2	10	10	<1	<1
FEB										
16...	2	2	100	31	<1	1	10	<10	2	<1
APR										
13...	3	2	100	86	1	<1	20	10	<1	<1
JUN										
18...	6	6	100	110	<1	<1	10	<10	4	1

DATE	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)
OCT									
14...	9	7	900	72	4	<1	90	20	<.1
FEB									
16...	31	11	10000	180	19	<1	220	10	.1
APR									
13...	13	13	1900	130	3	3	150	86	.3
JUN									
18...	19	13	890	29	4	1	380	190	.1

DATE	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG)	SILVER, DIS-SOLVED (UG/L AS AG)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT									
14...	<.1	9	2	<1	<1	<1	<1	60	11
FEB									
16...	.1	13	3	<1	<1	<1	<1	60	24
APR									
13...	.2	4	3	<1	<1	<1	<1	30	13
JUN									
18...	<.1	10	5	<1	<1	2	<1	350	14

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
14...	76	48	84
DEC			
01...	72	33	91
FEB			
16...	314	941	98
APR			
13...	124	52	96
JUN			
18...	115	85	91
AUG			
10...	159	276	92

< Actual value is known to be less than the value shown.

295325091313000 BAYOU TECHE AT CHARENTON, LA (CE 64380)

LOCATION.--Lat 29°53'25", long 91°31'30", T.13 S., R.9 E., St. Mary Parish, Hydrologic Unit 08080102, 0.5 mi (0.8 km) north of Charenton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to November 1978, October 1980 to current year.
CHLORIDE: October 1974 to November 1978, November 1979 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.5°C June 25, 28, July 1, 26, 1977, July 13, 1978; minimum daily, 3.0°C Jan. 14, 1982.
CHLORIDE: Maximum daily, 1,500 mg/L Oct. 30, 1976; minimum daily, 5.0 mg/L Apr. 13, 24, 25, May 9, June 2, 1980.

EXTREMES FOR CURRENT YEAR.--
CHLORIDE: Maximum daily, 240 mg/L Oct. 15-17; minimum daily, 15 mg/L Aug. 21.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	20.0	13.0	15.0	13.0	14.0	15.0	24.0				
2	24.0	21.0	13.0	15.0	12.0	14.0	16.0	24.0				
3	26.0	22.0	14.0	15.0	14.0	14.0	19.0	25.0				
4	27.0	21.0	17.0	14.0	15.0	15.0	18.0	25.0				
5	27.0	20.0	15.0	14.0	14.0	14.0	18.0	27.0				
6	28.0	20.0	16.0	14.0	11.0	15.0	20.0	27.0				
7	28.0	21.0	17.0	16.0	12.0	15.0	20.0	27.0				
8	24.0	21.0	17.0	16.0	12.0	15.0	20.0	24.0				
9	24.0	17.0	17.0	14.0	9.0	15.0	21.0	24.0				
10	25.0	19.0	15.0	6.0	10.0	13.0	16.0	24.0				
11	25.0	19.0	16.0	7.0	11.0	15.0	19.0	25.0				
12	27.0	19.0	16.0	6.0	11.0	16.0	21.0	26.0				
13	27.0	20.0	17.0	8.0	12.0	17.0	21.0	24.0				
14	27.0	20.0	18.0	3.0	11.0	20.0	21.0	24.0				
15	27.0	18.0	15.0	4.0	10.0	20.0	21.0	24.0				
16	27.0	18.0	12.0	7.0	13.0	21.0	21.0	26.0				
17	27.0	18.0	13.0	---	16.0	23.0	20.0	26.0				
18	27.0	18.0	13.0	---	18.0	24.0	22.0	26.0				
19	27.0	21.0	10.0	---	18.0	25.0	23.0	27.0				
20	27.0	16.0	10.0	---	19.0	24.0	23.0	26.0				
21	27.0	17.0	---	---	18.0	25.0	23.0	27.0				
22	27.0	18.0	---	7.0	14.0	24.0	21.0	26.0				
23	27.0	18.0	---	7.0	19.0	23.0	18.0	27.0				
24	27.0	18.0	---	17.0	20.0	21.0	19.0	27.0				
25	26.0	18.0	---	17.0	20.0	20.0	20.0	27.0				
26	26.0	18.0	---	15.0	18.0	20.0	21.0	29.0				
27	19.0	18.0	---	15.0	13.0	18.0	23.0	29.0				
28	20.0	20.0	---	15.0	15.0	16.0	24.0	27.0				
29	20.0	20.0	---	---	---	19.0	24.0	27.0				
30	21.0	20.0	---	15.0	---	16.0	23.0	24.0				
31	---	---	---	16.0	---	16.0	---	24.0				

295325091313000 BAYOU TECHE AT CHARENTON, LA (CE 64380)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	80	54	56	44	44	22	25	26	28	40	41	34
2	56	46	60	34	42	20	31	30	26	34	40	32
3	61	46	55	54	28	52	34	30	46	34	36	33
4	63	51	55	38	46	44	25	26	44	36	34	31
5	58	[illegible]	60	45	40	29	24	30	34	32	32	28
6	56	59	56	59	35	31	25	28	32	34	32	32
7	47	55	64	65	34	25	29	22	34	30	32	30
8	46	52	65	55	32	26	25	25	30	34	30	26
9	44	63	60	70	40	26	26	30	39	34	28	56
10	48	56	54	52	44	57	30	26	42	32	36	53
11	42	60	54	55	36	88	29	28	33	34	32	74
12	50	60	47	56	36	46	25	23	34	32	27	68
13	43	81	60	58	46	42	29	27	44	34	26	55
14	160	95	49	61	30	46	27	26	37	40	28	36
15	240	80	46	56	28	48	31	24	45	38	22	76
16	240	88	54	56	32	26	28	26	44	35	22	44
17	240	80	50	42	35	32	28	24	43	35	21	32
18	45	76	45	39	35	22	27	28	36	34	21	33
19	46	80	54	32	38	25	29	28	38	34	20	30
20	50	75	50	38	27	22	31	27	38	32	16	30
21	50	60	---	31	31	21	30	26	34	35	15	30
22	49	69	---	28	24	21	22	25	37	34	25	18
23	56	70	---	33	24	24	26	28	48	31	20	28
24	48	64	---	42	30	28	27	25	46	34	22	24
25	100	66	---	36	26	26	24	26	42	32	26	26
26	110	71	---	42	24	26	28	33	34	32	23	28
27	66	63	---	32	26	28	34	36	37	40	22	25
28	66	58	---	35	20	22	30	29	33	40	23	24
29	62	58	---	39	---	28	26	30	33	35	20	24
30	60	64	---	40	---	28	28	28	---	32	20	27
31	---	---	---	66	---	24	---	28	---	32	32	---

07385790 CHARENTON DRAINAGE CANAL AT BALDWIN, LA (CE 64450)

LOCATION.--Lat 29°49'23", long 91°32'30", T.14 S., R.9 E., St. Mary Parish, Hydrologic Unit 08080102, about 35 ft (10.7 m) southwest of Southern Pacific Railroad bridge and 0.7 mi (1.1 km) south of Baldwin.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1958-59, 1975 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to November 1978, March 1980 to current year.
CHLORIDE: October 1974 to November 1978, November 1979 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 36.0°C July 11, 1980; minimum daily, 4.0°C Jan. 19, 1977, Jan. 14, 1982.
CHLORIDE: Maximum daily, 1,300 mg/L Dec. 9, 1980; minimum daily, 5.0 mg/L Apr.27, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 34.0°C Aug. 25; minimum daily, 4.0°C Jan. 14.
CHLORIDE: Maximum daily, 410 mg/L Oct. 15; minimum daily, 15 mg/L Mar. 18.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.0	20.0	20.0	---	13.0	13.0	19.0	24.0	28.0	---	30.0	31.0
2	27.0	20.0	20.0	---	13.0	13.0	19.0	24.0	30.0	---	29.0	32.0
3	26.0	20.0	20.0	---	13.0	---	19.0	25.0	28.0	---	28.0	33.0
4	26.0	20.0	20.0	---	12.0	12.0	18.0	25.0	28.0	---	28.0	30.0
5	27.0	20.0	20.0	---	11.0	13.0	18.0	26.0	28.0	29.0	29.0	30.0
6	27.0	20.0	20.0	15.0	10.0	14.0	17.0	24.0	29.0	30.0	29.0	30.0
7	28.0	21.0	20.0	17.0	10.0	12.0	20.0	23.0	28.0	30.0	29.0	30.0
8	24.0	20.0	20.0	14.0	10.0	12.0	16.0	24.0	28.0	31.0	28.0	31.0
9	28.0	19.0	20.0	11.0	10.0	10.0	19.0	24.0	29.0	31.0	28.0	30.0
10	28.0	18.0	16.0	10.0	10.0	11.0	20.0	25.0	29.0	31.0	28.0	29.0
11	29.0	19.0	15.0	9.0	11.0	13.0	19.0	25.0	29.0	31.0	27.0	26.0
12	27.0	17.0	15.0	10.0	12.0	15.0	18.0	25.0	29.0	30.0	28.0	26.0
13	26.0	16.0	14.0	8.0	13.0	15.0	17.0	25.0	29.0	30.0	27.0	27.0
14	25.0	17.0	13.0	4.0	11.0	16.0	18.0	24.0	29.0	30.0	28.0	27.0
15	26.0	17.0	12.0	7.0	11.0	17.0	20.0	24.0	30.0	30.0	28.0	27.0
16	27.0	18.0	12.0	6.0	9.0	18.0	20.0	24.0	30.0	30.0	29.0	29.0
17	26.0	18.0	13.0	7.0	15.0	20.0	19.0	24.0	30.0	30.0	30.0	29.0
18	24.0	19.0	11.0	8.0	17.0	22.0	20.0	24.0	30.0	31.0	29.0	28.0
19	22.0	20.0	8.0	8.0	17.0	22.0	21.0	24.0	30.0	31.0	30.0	28.0
20	20.0	19.0	8.0	9.0	17.0	21.0	22.0	24.0	30.0	31.0	29.0	28.0
21	21.0	16.0	9.0	11.0	18.0	22.0	23.0	27.0	30.0	29.0	29.0	28.0
22	23.0	16.0	9.0	13.0	18.0	21.0	21.0	26.0	30.0	29.0	30.0	25.0
23	23.0	17.0	---	14.0	18.0	21.0	17.0	26.0	30.0	30.0	31.0	25.0
24	18.0	17.0	---	14.0	19.0	16.0	18.0	26.0	30.0	28.0	32.0	25.0
25	20.0	17.0	---	14.0	17.0	18.0	20.0	26.0	29.0	28.0	34.0	25.0
26	19.0	18.0	---	14.0	18.0	21.0	21.0	26.0	29.0	28.0	33.0	25.0
27	18.0	19.0	---	12.0	13.0	20.0	22.0	27.0	29.0	28.0	32.0	25.0
28	19.0	19.0	---	10.0	13.0	18.0	---	28.0	29.0	29.0	32.0	25.0
29	19.0	20.0	---	14.0	---	16.0	23.0	30.0	27.0	30.0	31.0	25.0
30	19.0	20.0	---	13.0	---	15.0	23.0	29.0	28.0	31.0	31.0	25.0
31	20.0	---	---	15.0	---	16.0	---	29.0	---	31.0	31.0	---

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	69	76	---	43	24	34	30	36	36	26	31
2	56	56	60	---	38	25	32	26	30	34	25	30
3	65	46	65	---	40	36	34	30	49	36	30	28
4	41	50	59	---	42	36	32	30	46	34	35	26
5	130	64	61	---	41	30	26	30	40	38	34	32
6	130	61	62	53	38	28	35	25	28	40	32	28
7	80	56	59	53	40	64	38	25	33	34	30	30
8	58	67	66	48	43	34	30	29	34	38	31	31
9	46	66	59	50	43	42	31	22	37	36	31	32
10	68	66	81	50	28	38	32	25	40	36	30	40
11	57	70	80	49	37	42	28	28	44	36	28	69
12	220	120	280	46	34	42	30	25	45	48	28	30
13	230	110	66	44	42	30	30	26	44	43	25	32
14	240	96	61	44	40	24	28	24	46	43	26	32
15	410	85	72	42	43	28	29	24	54	43	24	66
16	320	83	57	45	40	43	32	24	72	42	25	60
17	51	82	68	36	34	22	30	24	90	46	20	40
18	52	80	66	30	38	15	30	22	44	38	20	32
19	52	85	64	80	30	25	31	30	56	38	20	28
20	50	78	140	33	23	24	30	30	38	36	21	27
21	56	76	130	30	26	30	40	24	36	37	38	34
22	54	77	360	28	24	24	30	26	38	34	22	34
23	60	73	---	47	25	20	30	28	42	31	24	36
24	50	70	---	37	22	30	30	25	40	26	21	25
25	70	68	---	39	24	28	32	30	40	23	22	26
26	84	69	---	36	21	24	32	29	41	35	22	25
27	69	62	---	44	22	24	32	30	30	30	25	26
28	66	56	---	42	24	28	34	26	34	34	29	30
29	64	76	---	36	---	30	28	30	32	31	30	26
30	46	73	---	46	---	30	26	31	32	30	30	26
31	100	---	---	66	---	30	---	31	---	26	28	---

07386700 RUTH CANAL NEAR RUTH, LA

LOCATION.--Lat 30°14'35", long 91°53'05", in NE1/4NW1/4 lot 95, T. 9 S., R. 6 E., St. Martin Parish, Hydrologic Unit 08080103, near center of span on downstream side of bridge on State Highway 31, 1,200 ft (370 m) above control structure, 1,500 ft (460 m) downstream from point of diversion from Bayou Teche, 0.4 mi (0.6 km) northwest of Ruth, and 2.2 mi (3.5 km) south of town of Breaux Bridge.

PERIOD OF RECORD.--August 1959 to current year. Elevations only May 1945 to June 1946 (fragmentary), January 1947 to September 1960 in reports of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Auxiliary water-stage recorder 150 ft (46 m) below control structure at same datum. Since July 12, 1973, water-stage recorder for Ruth Canal at Ruth (station 07386705) used as auxiliary gage for this station. Nov. 4, 1965 to July 11, 1973, auxiliary nonrecording gage at same site and datum.

REMARKS.--Records fair. Total flow through control structure diverted from Bayou Teche for irrigation. Records of water temperature for year 1982 are published under miscellaneous water quality sites in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 802 ft^3/s (22.7 m^3/s) Apr. 21, 1966; maximum daily reverse flow, 13 ft^3/s (0.37 m^3/s) May 28, 1980 (backwater from Vermilion River); minimum daily (unaffected by backwater), 0.03 ft^3/s (0.001 m^3/s) June 1, 1982.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.8	7.8	3.2	19	14	18	155	154	199	209	153	121
2	5.9	7.5	3.1	22	18	18	156	156	138	200	172	120
3	5.4	8.4	3.1	22	22	19	172	159	83	198	173	120
4	5.6	13	2.4	19	18	20	196	164	83	201	176	118
5	5.5	15	2.2	17	17	19	194	169	81	202	174	121
6	5.2	13	2.2	17	15	19	197	170	81	198	172	100
7	5.1	13	2.2	17	13	19	199	160	81	197	155	83
8	5.4	12	1.7	16	12	19	192	153	81	174	154	83
9	5.5	13	1.5	17	12	19	194	161	81	158	152	82
10	5.7	14	1.5	16	14	19	194	165	42	155	87	80
11	6.1	16	1.6	14	16	19	192	166	.03	151	25	79
12	6.5	17	1.7	16	17	19	191	161	.20	154	27	60
13	6.4	15	2.5	18	16	18	191	141	.68	120	27	79
14	6.0	14	7.3	18	16	18	192	159	2.0	83	23	91
15	5.7	12	5.8	18	25	17	191	159	3.1	84	20	94
16	5.4	11	7.8	16	35	17	188	178	5.5	84	18	96
17	5.5	9.1	9.3	15	33	16	186	191	6.7	82	17	98
18	5.1	7.8	10	14	32	102	192	196	49	83	76	100
19	4.5	6.6	11	14	31	177	195	197	85	85	131	102
20	4.2	5.4	11	15	29	120	197	197	85	83	127	102
21	3.9	5.1	11	15	26	92	109	199	82	84	124	104
22	3.4	4.9	11	16	25	82	27	198	118	84	126	105
23	3.1	4.6	10	16	24	122	30	192	159	86	126	104
24	3.4	4.0	14	16	23	155	28	187	152	85	126	104
25	3.7	4.0	15	17	22	159	26	192	182	86	127	103
26	3.7	3.8	14	17	21	157	24	194	204	88	127	103
27	4.1	3.4	13	17	19	158	76	195	196	89	127	101
28	6.7	2.9	13	16	18	155	129	197	201	89	127	98
29	8.5	2.9	12	16	---	156	130	198	202	84	126	95
30	8.9	3.3	11	15	---	151	140	197	204	85	125	93
31	8.5	---	14	14	---	151	---	197	---	121	122	---
TOTAL	168.4	269.5	229.1	515	583	2250	4483	5502	2897.21	3884	3442	2939
MEAN	5.43	8.98	7.39	16.6	20.8	72.6	149	177	96.6	125	111	98.0
MAX	8.9	17	15	22	35	177	199	199	204	209	176	121
MIN	3.1	2.9	1.5	14	12	16	24	141	.03	82	17	60
AC-FT	334	535	454	1020	1160	4460	8890	10910	5750	7700	6830	5830

CAL YR 1981 TOTAL 21290.40 MEAN 58.3 MAX 241 MIN 1.5 AC-FT 42230
WTR YR 1982 TOTAL 27162.21 MEAN 74.4 MAX 209 MIN .03 AC-FT 53880

07386700 RUTH CANAL NEAR RUTH, LA--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.46	9.63	9.26	10.57	10.13	10.48	9.25	10.31	9.07	9.99	9.91	9.23
2	9.44	9.60	9.25	10.84	10.68	10.52	9.32	10.22	9.05	9.68	10.49	9.19
3	9.43	9.69	9.25	10.81	10.82	10.63	9.38	10.11	9.16	9.55	10.43	9.18
4	9.44	10.04	9.19	10.57	10.51	10.66	9.50	10.13	9.13	9.49	10.37	9.15
5	9.44	10.22	9.18	10.40	10.38	10.61	9.63	10.21	9.09	9.43	10.27	9.12
6	9.42	10.10	9.18	10.44	10.59	10.61	9.62	10.26	9.05	9.35	10.23	9.12
7	9.41	10.02	9.17	10.40	10.06	10.61	9.61	10.74	9.02	9.26	10.89	9.13
8	9.43	9.98	9.14	10.35	9.96	10.63	9.56	10.49	8.99	9.16	10.68	9.17
9	9.44	10.08	9.12	10.44	9.95	10.62	9.44	10.30	8.98	9.19	10.56	9.16
10	9.44	10.12	9.12	10.33	10.19	10.60	9.39	10.23	8.96	9.19	10.74	9.17
11	9.45	10.34	9.12	10.15	10.43	10.56	9.34	10.15	8.98	9.17	11.18	9.88
12	9.52	10.36	9.14	10.29	10.42	10.55	9.33	10.08	9.02	9.11	11.41	9.92
13	9.51	10.26	9.20	10.52	10.46	10.52	9.33	10.06	9.05	9.06	11.44	10.42
14	9.48	10.13	9.59	10.42	10.31	10.49	9.35	10.19	8.83	9.18	10.97	10.82
15	9.45	10.00	9.66	10.46	11.42	10.45	9.35	9.91	9.25	9.32	10.69	10.69
16	9.44	9.86	9.63	10.44	12.70	10.37	9.40	9.78	9.44	9.30	10.47	10.48
17	9.44	9.74	9.76	10.23	12.42	10.29	9.46	9.70	9.54	9.25	10.38	10.42
18	9.41	9.63	9.85	10.17	12.13	10.21	9.49	9.66	9.55	9.35	10.36	10.44
19	9.36	9.53	9.92	10.19	11.87	10.00	9.59	9.57	9.52	9.30	10.13	10.49
20	9.33	9.44	9.91	10.25	11.62	9.81	9.67	9.52	9.58	9.29	9.90	10.47
21	9.31	9.41	9.90	10.26	11.34	9.78	10.17	9.49	9.58	9.31	9.66	10.42
22	9.27	9.39	9.88	10.27	11.14	9.65	11.47	9.44	9.60	9.25	9.56	10.34
23	9.25	9.37	9.83	10.27	11.02	9.46	11.80	9.37	9.87	9.25	9.48	10.33
24	9.27	9.32	10.17	10.28	10.96	9.39	11.57	9.33	10.02	9.20	9.43	10.38
25	9.29	9.32	10.23	10.37	10.83	9.33	11.25	9.32	10.10	9.29	9.41	10.35
26	9.29	9.31	10.12	10.39	10.72	9.28	11.06	9.30	10.00	9.34	9.43	10.25
27	9.33	9.27	10.09	10.40	10.59	9.29	10.93	9.31	10.02	9.31	9.42	10.13
28	9.56	9.23	10.05	10.33	10.61	9.29	10.63	9.35	9.95	9.31	9.37	9.99
29	9.66	9.23	9.96	10.28	---	9.29	10.66	9.33	9.41	9.36	9.35	9.86
30	9.72	9.24	9.89	10.25	---	9.27	10.40	9.26	9.78	9.56	9.32	9.77
31	9.63	---	10.12	10.15	---	9.27	---	9.16	---	9.65	9.26	---
MAX	9.72	10.36	10.23	10.84	12.70	10.66	11.80	10.74	10.10	9.99	11.44	10.82
MIN	9.25	9.23	9.12	10.15	9.95	9.27	9.25	9.16	8.83	9.06	9.26	9.12

07386705 RUTH CANAL AT RUTH, LA

LOCATION.--Lat 30°14'34", long 91°53'05", NW1/4NE1/4 lot 95, T. 9 S., R. 6 E., St. Martin Parish, Hydrologic Unit 08080103, on right bank 150 ft (46 m) downstream from control structure, 0.5 mi (0.8 km) northwest of Ruth, 0.6 mi (1.0 km) downstream from point of diversion from Bayou Teche, and 2.5 mi (4.0 km) south of town of Breaux Bridge.

PERIOD OF RECORD.--October 1979 to current year (elevations only). Unpublished records, August 1959 to September 1979, available in files of Baton Rouge district office. Daily elevations from January 1938 to December 1944 and since January 1946, in reports of Corps of Engineers, New Orleans district.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Nov. 4, 1965 to July 11, 1973, nonrecording gage at same site and datum.

REMARKS.--Total flow through control structure diverted from Bayou Teche. Diversions are for irrigation. Elevations for periods Oct. 3 to Nov. 10, Nov. 13 to Dec. 22, Feb. 7 to Mar. 3, June 5, 6, July 7-12, and Aug. 3-6, obtained from records of Corps of Engineers.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since January 1938, 18.5 ft (5.64 m) Aug. 1940.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 13.14 ft (4.005 m) May 20, 21, 1980; minimum observed, 0.30 ft (0.091 m) Dec. 5, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.23	2.57	1.60	3.29	1.30	2.24	3.20	5.29	2.22	3.28	4.56	2.46
2	1.98	2.26	.48	2.92	2.12	2.40	3.10	4.88	2.28	3.30	3.83	2.46
3	1.63	2.63	1.77	2.44	5.94	2.78	3.52	4.53	2.05	3.21	3.75	2.31
4	2.36	2.90	1.00	2.66	5.01	2.79	3.30	4.08	1.79	3.17	3.51	2.95
5	2.18	2.47	.30	1.67	3.71	2.78	3.72	3.85	2.00	2.65	3.27	2.45
6	1.92	2.20	1.52	2.39	2.80	2.54	3.60	3.68	2.23	2.86	3.76	2.63
7	1.92	1.22	1.42	2.36	1.51	2.11	3.24	5.68	---	2.87	6.34	2.23
8	1.55	2.04	1.20	1.22	2.29	1.94	3.74	5.71	2.18	2.96	5.51	2.23
9	2.06	3.05	.94	1.05	2.50	2.45	3.49	4.74	2.13	2.60	5.81	2.33
10	1.74	2.87	1.65	1.77	1.42	2.37	3.18	4.24	1.09	2.62	5.66	2.45
11	1.20	1.75	2.04	1.06	1.64	2.21	3.34	3.92	1.74	3.25	6.15	2.99
12	1.48	1.82	1.80	1.05	2.44	2.25	3.25	3.81	2.69	2.78	6.01	7.27
13	2.30	2.00	1.64	6.01	1.70	2.29	3.33	5.97	2.70	2.23	6.29	6.15
14	2.97	1.42	4.42	5.55	1.65	2.16	3.27	4.76	2.17	2.24	5.98	5.70
15	2.67	2.34	2.39	4.10	8.37	2.52	3.27	4.09	2.51	2.59	5.18	4.98
16	2.37	2.05	2.00	3.30	9.32	2.67	3.22	3.79	2.43	2.59	4.77	4.06
17	2.34	1.54	1.93	2.22	9.06	2.39	3.79	4.11	2.42	2.75	4.21	3.49
18	2.20	1.97	.49	2.20	9.10	2.27	3.65	3.62	2.15	2.88	3.34	3.39
19	1.64	2.13	.47	2.33	9.00	2.11	3.56	3.44	2.16	2.50	3.61	3.05
20	1.74	1.32	1.07	1.89	8.73	3.17	3.51	3.28	2.82	2.80	3.60	2.96
21	2.02	1.04	2.36	2.05	8.57	2.63	3.58	3.16	3.44	2.49	3.32	2.58
22	1.98	1.43	1.89	2.12	7.97	2.38	7.59	3.09	3.63	2.36	2.96	2.06
23	1.42	1.67	1.94	2.61	7.40	2.57	7.49	3.42	3.87	1.94	2.71	2.31
24	1.36	1.82	1.24	1.73	6.37	3.38	7.32	3.65	3.95	1.70	2.44	2.46
25	1.78	1.48	4.54	2.35	5.78	3.25	7.12	3.43	3.70	1.90	2.35	2.37
26	1.44	1.46	3.48	1.79	4.88	3.09	6.48	3.10	3.56	1.86	2.20	1.97
27	1.40	2.10	2.80	1.56	4.38	2.88	5.55	3.08	4.23	1.73	2.17	1.71
28	1.79	1.78	2.76	2.01	3.54	3.15	5.01	3.01	3.87	1.45	2.18	1.90
29	1.38	2.08	2.14	1.79	---	3.10	4.57	2.88	3.46	2.33	2.14	1.96
30	2.22	2.22	1.56	2.67	---	3.55	5.07	2.83	3.32	2.39	2.13	2.12
31	2.18	---	3.42	3.04	---	3.59	---	2.66	---	3.09	2.34	---
MAX	2.97	3.05	4.54	6.01	9.32	3.59	7.59	5.97	4.23	3.30	6.34	7.27
MIN	1.20	1.04	.30	1.05	1.30	1.94	3.10	2.66	1.09	1.45	2.13	1.71

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA

LOCATION.--Lat 30°13'02", long 91°59'34", on line between lots 76 and 142, T. 9 S., R. 5 E., Lafayette Parish, Hydrologic Unit 08080103, at bridge on Surrey Street at Lafayette, 0.6 mi (1.0 km) north of Lafayette Airport, and 1.4 mi (2.3 km) upstream from Coulee des Poches.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1.53 ft (0.466 m) below mean low Gulf level or 2.31 ft (0.704 m) below National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Water-stage recorder for Vermilion River at State Highway 3073, near Lafayette (station 07386935) used as auxiliary gage for this station.

REMARKS.--Records fair above 1,000 ft^3/s (28 m^3/s) and poor below. Discharges are affected by tide at all stages; diversions above and below station for irrigation.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	100	739	210	56	277	1080	198	747	560	63
2	---	---	35	570	189	307	93	1010	29	770	998	141
3	---	---	-45	465	1110	---	416	906	76	524	818	155
4	---	---	55	534	1260	---	181	758	181	380	662	268
5	---	---	-8.0	244	866	---	292	654	141	308	584	69
6	16	---	-64	220	712	---	509	409	25	327	719	93
7	-4.0	---	-78	325	465	---	46	790	74	345	1400	65
8	5.0	---	5.0	373	120	---	305	1340	35	268	1120	11
9	-33	---	9.0	186	305	---	416	1100	47	236	1230	-42
10	61	---	-22	220	352	---	167	843	16	249	1490	-73
11	73	---	-123	243	327	---	316	653	16	288	1580	-1180
12	-24	158	68	399	293	---	185	456	-21	245	1590	437
13	-184	152	84	1210	499	---	268	174	-1.0	165	1670	1540
14	-118	112	286	1350	144	---	268	180	91	124	1610	1540
15	109	39	596	1080	-727	---	191	1010	---	110	1420	1300
16	-12	118	227	814	-178	199	61	854	---	200	1120	1040
17	-13	127	247	635	2650	239	430	671	---	163	994	807
18	44	36	235	352	2850	196	525	507	---	231	753	667
19	---	.00	93	342	2790	170	347	625	---	230	646	613
20	---	177	123	316	2700	256	353	478	---	194	537	536
21	---	-100	86	265	2580	203	498	417	---	283	453	490
22	---	-55	174	241	2400	343	1200	367	---	125	352	421
23	---	-34	273	344	1780	227	1910	310	---	142	291	295
24	---	52	39	323	676	264	2040	298	---	129	257	305
25	---	-82	811	318	-611	325	1960	565	---	79	255	327
26	---	-32	729	315	-451	414	1790	581	435	170	221	301
27	---	94	480	200	614	87	1530	377	447	172	218	197
28	---	30	310	241	628	244	1270	238	610	153	181	188
29	---	-19	337	146	---	71	1070	194	566	84	167	119
30	---	-54	187	1.0	---	178	1090	226	505	437	77	93
31	---	---	171	388	---	277	---	154	---	485	85	---
TOTAL	---	---	5420.0	13399.0	24553	---	20004	18230	---	8363	24058	10786
MEAN	---	---	175	432	877	---	667	588	---	270	776	360
MAX	---	---	811	1350	2850	---	2040	1340	---	770	1670	1540
MIN	---	---	-123	1.0	-727	---	46	154	---	79	77	-1180

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	3.70	4.28	3.25	3.74	4.05	5.87	3.72	4.77	4.41	4.20
2	---	---	2.54	4.62	4.45	4.14	4.34	5.52	3.82	4.81	5.51	4.11
3	---	---	3.23	4.43	7.21	---	4.46	5.18	4.09	4.17	5.07	4.14
4	---	---	3.34	4.21	6.17	---	4.07	4.89	4.12	3.88	4.60	4.37
5	---	---	2.37	3.57	5.26	---	4.96	4.69	3.59	3.86	4.38	3.93
6	3.41	---	3.41	4.14	4.32	---	3.99	4.98	3.74	3.97	4.91	4.12
7	3.57	---	3.67	4.12	4.36	---	4.31	7.15	3.85	3.87	7.22	3.90
8	3.55	---	3.67	2.74	4.12	---	4.73	6.71	3.54	3.73	7.25	3.83
9	3.56	---	3.07	2.46	4.08	---	3.92	5.81	3.80	3.69	7.10	4.11
10	3.71	---	3.13	3.42	3.36	---	3.91	5.39	3.69	3.74	7.04	4.42
11	3.26	2.55	3.87	2.15	3.63	---	3.92	5.25	3.51	3.85	7.24	7.20
12	3.40	3.46	3.74	4.15	4.05	---	4.11	5.32	3.53	3.63	7.21	8.91
13	4.24	3.72	3.56	7.29	3.54	---	4.23	5.70	3.55	3.65	7.30	7.95
14	5.12	3.73	5.62	6.67	3.51	---	4.11	7.76	3.71	3.67	7.06	7.33
15	4.36	4.15	4.65	5.47	7.53	---	4.10	6.63	---	3.99	6.68	6.54
16	4.11	4.03	3.76	4.05	11.28	4.51	4.82	5.77	---	4.29	6.40	5.67
17	4.05	3.96	3.71	3.81	10.30	4.16	5.12	5.28	---	4.18	5.77	5.20
18	3.72	3.63	2.27	4.03	10.13	4.04	4.47	5.37	---	4.40	5.12	5.08
19	---	5.05	2.24	4.07	9.36	4.21	4.43	5.21	---	4.12	5.09	4.73
20	---	2.47	3.36	3.66	6.70	4.35	4.40	4.80	---	4.02	5.05	4.60
21	---	3.00	4.41	3.04	9.53	4.15	5.52	4.59	---	4.38	4.69	4.16
22	---	3.74	4.10	3.31	4.09	4.23	8.64	4.39	---	4.17	4.28	3.70
23	---	3.97	3.61	4.24	7.33	4.04	8.38	4.25	---	3.91	3.99	4.11
24	---	3.64	4.35	3.63	5.60	4.58	8.25	4.27	---	3.42	3.72	4.36
25	---	3.67	5.11	3.99	4.33	4.44	8.21	4.76	---	3.54	3.57	4.33
26	---	4.23	5.05	3.38	4.52	3.57	7.66	4.79	4.52	3.75	3.44	3.82
27	---	3.88	4.45	3.71	4.53	4.31	6.85	4.44	4.84	3.64	3.51	3.97
28	---	3.41	4.44	3.33	4.37	4.26	6.26	4.28	4.95	3.34	3.47	4.17
29	---	3.93	3.81	3.47	---	4.37	5.90	4.23	4.60	3.20	3.42	4.31
30	---	4.06	3.51	4.72	---	4.80	5.78	4.03	4.33	3.90	3.65	4.40
31	---	---	5.15	4.62	---	4.70	---	4.03	---	4.14	4.02	---
MAX	5.02	---	6.01	7.29	11.28	4.80	9.64	7.76	---	4.80	7.30	8.91
MIN	---	2.47	2.27	2.15	3.25	3.57	3.91	4.03	---	3.20	3.42	3.70

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA

LOCATION.--Lat 30°09'45", long 92°03'20", between lots 68 and 69, T. 10 S., R. 4 E., Lafayette Parish, Hydrologic Unit 08080103, at bridge on State Highway 3073, 4.1 mi (6.6 km) downstream from Coulee Mine, 4.8 mi (7.7 km) southwest of Central School at Lafayette, and 7.8 mi (12.6 km) downstream from gaging station Vermilion River at Surrey Street, at Lafayette (station 07386880).

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1975 to current year (gage height only). Unpublished records October 1967 to September 1975 available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is 1.54 ft (0.469 m) below mean low Gulf level, or 2.32 ft (0.707 m) below National Geodetic Vertical Datum of 1929.

REMARKS.--Gage heights affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 17.90 ft (5.456 m) May 16, 1980; minimum, not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Dec. 6, 1972, reacned a stage of 15.63 ft (4.764 m).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.60 ft (3.840 m) Feb. 15, minimum 1.74 ft (0.530 m) Jan. 11, 12.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.41	4.76	4.36	4.52	2.63	3.86	3.77	5.10	3.87	3.85	3.45	3.95
2	4.10	4.18	2.84	4.34	4.05	3.91	4.28	4.03	3.65	3.96	4.25	3.69
3	3.67	4.56	3.54	4.52	7.07	4.06	4.60	4.42	4.01	3.47	4.08	3.42
4	4.54	4.70	3.83	4.17	5.21	4.17	3.96	4.35	3.94	3.19	3.77	4.33
5	4.74	4.75	2.12	3.48	4.87	4.22	5.35	4.22	3.22	3.12	3.55	3.64
6	4.25	4.29	3.81	4.30	3.88	3.91	3.76	4.90	3.13	3.27	3.65	4.08
7	3.91	3.36	4.21	4.33	2.98	2.40	4.29	7.18	3.51	3.26	6.59	3.92
8	3.88	4.23	3.99	2.61	4.26	3.70	4.55	5.84	3.05	3.21	5.89	4.06
9	3.49	5.22	3.55	3.14	4.54	4.32	3.72	4.54	3.38	3.15	6.43	4.38
10	3.87	3.20	3.63	3.89	2.92	4.22	3.31	4.30	3.32	3.28	5.73	4.67
11	3.37	2.95	4.28	1.96	3.40	3.90	3.49	4.47	3.38	3.50	6.01	5.30
12	3.50	3.77	4.21	2.55	3.94	3.83	3.39	4.59	3.36	3.32	5.86	9.07
13	4.41	4.01	3.70	6.93	3.30	3.70	3.74	5.04	3.40	3.43	5.71	6.91
14	5.39	4.09	5.87	5.89	3.14	3.70	3.54	8.27	3.44	3.75	5.34	6.17
15	4.64	4.64	4.53	4.35	4.55	4.10	3.65	6.16	4.14	3.90	4.92	5.49
16	4.56	4.69	3.61	4.43	11.90	4.33	4.70	5.26	4.81	4.47	5.47	4.62
17	4.54	4.08	4.23	2.95	9.03	3.92	5.17	4.96	4.63	4.01	4.91	4.38
18	4.42	4.18	2.23	4.19	7.98	3.95	3.99	4.80	4.20	4.02	4.22	4.73
19	2.40	4.58	2.23	4.20	7.63	4.14	4.46	4.92	3.92	3.56	4.30	4.30
20	3.59	2.64	3.49	3.63	7.43	4.39	4.42	4.51	3.47	3.35	4.61	4.41
21	4.06	3.13	4.77	3.99	7.26	4.29	4.13	4.13	3.47	4.03	4.45	4.09
22	3.78	4.12	4.24	4.12	6.88	4.07	8.55	3.82	3.37	3.75	4.18	3.49
23	3.62	4.40	3.92	4.56	6.56	3.94	7.17	3.63	3.63	3.71	3.93	4.26
24	2.10	4.01	3.35	3.33	6.14	4.84	6.31	3.60	3.54	3.28	3.73	4.56
25	4.17	3.99	5.91	4.48	5.51	4.36	6.79	4.10	3.72	3.40	3.72	4.42
26	4.18	4.74	4.77	3.55	4.91	3.32	6.09	4.08	4.03	3.62	3.43	3.65
27	2.69	4.32	4.42	3.74	4.26	3.63	5.35	3.96	4.29	3.68	3.36	3.65
28	3.77	3.82	4.82	3.89	3.72	3.88	4.87	3.87	4.58	3.53	3.45	3.92
29	3.87	4.36	3.95	3.75	---	3.64	4.91	4.10	4.14	3.24	3.35	4.16
30	4.26	4.47	3.84	4.70	---	4.50	4.65	3.90	3.88	3.31	3.40	4.05
31	4.32	---	5.55	4.90	---	4.56	---	4.30	---	3.39	3.74	---
MAX	5.39	5.22	5.91	6.93	11.90	4.84	8.55	8.27	4.81	4.47	6.59	9.07
MIN	2.10	2.64	2.12	1.96	2.63	2.40	3.31	3.60	3.05	3.12	3.35	3.42

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1970 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: January 1971 to September 1981 (discontinued).
pH: October 1976 to September 1981 (discontinued).
WATER TEMPERATURES: October 1970 to September 1981 (discontinued).
DISSOLVED OXYGEN: November 1970 to September 1981 (discontinued).

INSTRUMENTATION.--Water-quality monitor October 1970 to September 1981 (discontinued).

REMARKS.--Upper limit of dissolved oxygen sensor, 15.0 mg/L.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 1,140 micromhos Sept. 25, 1972; minimum, 20 micromhos Sept. 6, 1973, Feb. 6, 1976.
pH: Maximum, 8.1 units July 30, 1980; minimum, 5.5 units May 17, 18, 1980.
WATER TEMPERATURES: Maximum, 35.5°C June 27, 28, 1973, July 20, Aug. 18, 1981; minimum 3.5°C Jan. 12, Feb. 11, 1973, Jan. 21, 1978.
DISSOLVED OXYGEN: Maximum, 15.0 mg/L Sept. 11, 12, 22, 1972, Jan. 30, 1973; minimum, 0.0 mg/L on several days during summer months in 1973-75, 1977-79, 1981.

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
OCT								
14...	1115	488	7.4	26.5	10	15	7.3	3.7
JAN								
21...	1100	545	6.7	15.0	100	50	5.0	4.3
APR								
13...	0815	356	6.7	21.0	30	65	5.1	5.0
JUL								
20...	0945	460	6.8	28.0	80	65	4.6	4.5

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)
OCT									
14...	240	1300	99	25	9.8	59	4.8	110	30
JAN									
21...	2100	>20000	58	15	5.0	77	4.3	47	28
APR									
13...	240	>10000	100	24	9.7	38	3.8	101	19
JUL									
20...	2300	3100	65	17	5.4	69	4.0	61	13

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT								
14...	60	.2	21	282	275	.26	1.5	.28
JAN								
21...	110	.1	13	300	280	.57	1.4	.63
APR								
13...	39	.2	14	236	208	.89	2.7	1.1
JUL								
20...	91	.2	10	261	247	.59	2.2	.92

< Actual value is known to be less than the value shown.

> Actual value is known to be greater than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT											
14...	6	<1	1	<1	40	<1	2	17	6	6600	<1

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	PCB, TOTAL (UG/L)
OCT											
14...	40	74	320	<.1	<.01	14	130	7.1	<.01	<1	<.10

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
14...	34	<.1	<1.0	<.01	<.1	<.1	150	<.01	19	<.01	20

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
14...	<.01	<.1	.20	<.1	.01	3.5	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
14...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
14...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATERIL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
14...	<.01	<.10	<.1	<1.0	<.01	<.1	.10	<.01	.02	<.01

< Actual value is known to be less than the value shown.

07386980 VERMILION RIVER AT PERRY, LA

LOCATION.--Lat 29°57'04", long 92°09'22", on line between lots 60 and 61, T.12 S., R.3 E., Vermilion Parish, Hydrologic Unit 08080103, at bridge on State Highway 82 at Perry, 2.0 mi (3.2 km) south of Abbeville.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1978 to current year (gage heights only). Unpublished gage-height records, August 1960 to September 1978, available in files of Baton Rouge district office.

REVISED RECORDS.--WDR LA 80-3: 1979.

GAGE.--Water-stage recorder. Datum of gage is 2.95 ft (0.899 m) below National Geodetic Vertical Datum of 1929.

REMARKS.--Gage height affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum and minimum gage heights not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.63 ft (2.630 m) Feb. 16; minimum not determined.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.94	5.35	4.51	4.17	2.64	3.11	3.40	4.38	4.18	4.40	---	4.71
2	4.55	4.25	3.12	4.34	4.38	4.20	4.20	4.12	4.42	4.18	---	4.46
3	4.36	4.76	4.52	4.42	5.49	3.42	4.53	4.17	4.74	3.92	---	4.16
4	5.40	4.74	3.88	3.90	3.77	3.95	4.11	4.49	4.66	3.74	---	4.23
5	5.21	4.91	2.98	3.53	4.48	4.26	5.54	4.60	3.66	3.64	---	3.98
6	4.92	4.35	4.19	4.30	3.35	3.91	3.48	5.37	3.90	3.82	---	4.51
7	4.68	3.70	4.33	4.33	3.27	1.66	4.99	5.91	3.92	3.46	---	4.34
8	4.61	4.61	4.12	2.25	4.91	3.97	5.09	4.23	3.52	3.34	---	4.65
9	4.35	5.10	3.71	3.54	4.90	4.69	3.52	4.20	4.08	3.16	---	4.70
10	4.66	2.26	3.90	4.10	2.83	4.64	3.88	4.11	3.68	3.36	---	5.29
11	4.11	3.42	5.21	1.70	3.71	4.52	3.46	4.30	3.56	3.38	---	5.94
12	4.21	4.01	4.45	4.17	3.92	4.42	3.85	4.62	3.50	3.32	---	7.87
13	5.06	4.52	4.39	4.49	2.77	4.10	3.78	5.08	3.54	3.70	---	6.00
14	5.95	4.52	5.68	3.57	3.35	4.18	3.37	7.45	3.58	3.98	---	5.44
15	5.02	5.23	3.32	3.76	4.46	4.07	3.59	5.39	4.64	4.58	---	4.99
16	5.08	5.00	4.31	3.87	8.48	4.42	4.77	4.77	5.46	5.08	---	4.34
17	5.01	4.33	4.25	2.09	6.54	3.34	4.59	4.70	5.10	---	---	4.29
18	4.71	4.70	1.70	4.35	5.23	3.91	3.69	5.04	4.86	---	---	4.41
19	3.05	5.05	2.91	4.06	4.72	4.20	4.44	5.01	4.70	---	---	4.15
20	4.20	2.38	4.20	3.61	4.82	4.34	4.45	4.96	4.30	---	---	4.38
21	4.85	4.60	5.03	4.08	4.70	4.33	4.37	4.88	4.07	---	---	4.10
22	4.70	4.36	4.46	4.21	4.33	4.14	5.79	4.57	3.74	---	---	3.44
23	4.28	4.52	3.98	4.37	4.55	4.43	5.12	4.30	3.54	---	---	4.51
24	3.01	4.22	3.95	3.38	4.81	5.28	4.95	3.88	3.34	---	3.91	5.08
25	5.04	4.44	4.82	4.66	4.45	5.09	5.04	3.76	3.50	---	3.96	5.11
26	4.40	5.21	4.61	3.40	3.76	3.13	4.64	3.66	3.70	---	4.09	4.15
27	3.26	4.56	4.32	4.71	2.53	4.57	3.74	3.60	4.26	---	4.26	4.52
28	4.46	4.21	4.93	4.53	2.60	4.44	3.67	3.76	4.32	---	4.15	4.78
29	4.25	4.77	4.05	4.36	---	4.29	4.00	4.10	4.30	---	4.11	4.97
30	4.78	5.06	4.25	5.15	---	4.33	3.90	3.90	4.36	---	4.21	4.99
31	4.86	---	5.77	4.61	---	4.16	---	4.36	---	---	4.48	---
MAX	5.95	5.35	5.77	5.15	8.48	5.28	5.79	7.45	5.46	---	---	7.87
MIN	3.01	2.20	1.70	1.70	2.53	1.66	3.37	3.60	3.34	---	---	3.44

No gage-height record July 17 to Aug. 23.

294258091524100 VERMILION BAY AT CYPREMORT POINT, NEAR LOUISA, LA (CE 88850)
(Formerly published as 294110091533000 Vermilion Bay at Cypremort Point, near Louisa, LA (CE 88850))

LOCATION.--Lat 29°42'58", long 91°52'41", R.6 E., T.15 S., Iberia Parish, Hydrologic Unit 08080103, at Cypremort Point, 13 mi (21 km) south of Avery Island, at State Road 319, and 8 mi (13 km) southwest of Louisa.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974 to September 1982 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1977 to September 1982 (discontinued).
CHLORIDE: October 1974 to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 30.0°C Sept. 25-30, 1980, July 17, 18, 21-23, 1981, July 3, 6, 9, 10, 30, 31, Aug. 4, 18, 24, 1982; minimum daily, 1.0°C Feb. 1, 1979.
CHLORIDE: Maximum daily, 8,500 mg/L Nov. 3, 1980; minimum daily, 100 mg/L Feb. 28, 1979.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 30.0°C July 3, 6, 9, 10, 30, 31, Aug. 4, 18, 24; minimum daily, 3.5°C Jan. 15.
CHLORIDE: Maximum daily, 4,700 mg/L Nov. 22, Dec. 2; minimum daily, 670 mg/L May 18.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.5	18.0	19.5	11.0	---	12.0	17.0	21.5	28.0	28.0	29.0	28.0
2	26.5	17.0	17.0	12.0	---	12.0	17.0	---	28.0	29.0	29.0	28.0
3	26.0	17.0	16.5	13.0	11.5	12.0	18.0	23.0	28.0	30.0	29.0	27.0
4	25.0	17.5	13.0	13.0	10.0	13.0	18.0	23.0	28.0	29.0	30.0	28.0
5	25.5	18.5	11.0	14.0	8.0	14.0	20.0	23.0	29.0	29.0	28.0	26.0
6	26.0	17.0	12.5	14.0	7.0	12.0	17.0	23.0	29.0	30.0	28.0	26.0
7	26.0	17.0	13.0	14.0	7.0	11.0	16.0	23.0	---	29.0	27.0	27.0
8	26.5	18.0	---	14.0	8.0	11.0	---	22.0	28.0	29.0	27.0	26.0
9	27.0	17.0	14.0	12.0	9.5	12.0	---	22.0	28.0	30.0	27.0	26.0
10	26.0	17.0	14.0	10.0	9.0	13.0	---	22.0	28.0	30.0	28.0	26.0
11	27.0	16.0	13.0	4.0	9.0	14.0	---	23.0	29.0	28.0	28.0	26.0
12	26.0	16.0	13.5	4.0	9.0	16.0	---	22.0	29.0	29.0	28.0	26.0
13	---	15.0	13.0	4.0	9.5	17.0	---	23.0	29.0	28.0	28.0	26.0
14	26.0	16.0	13.0	4.0	10.0	17.0	---	23.0	29.0	28.0	29.0	27.0
15	---	17.0	12.0	3.5	11.0	18.0	---	23.0	28.0	28.0	29.0	---
16	---	18.0	12.0	4.0	11.5	19.0	---	23.0	---	28.0	29.0	28.0
17	25.5	18.0	12.0	5.0	12.0	20.0	---	23.0	27.0	28.0	29.0	28.0
18	23.0	18.0	10.0	6.0	14.0	21.0	---	24.0	27.0	28.0	30.0	28.0
19	19.0	18.0	---	7.0	---	21.0	---	24.0	28.0	28.0	29.0	28.0
20	17.5	16.0	---	7.0	15.0	21.0	---	24.0	28.0	29.0	29.0	27.0
21	17.5	14.0	---	8.5	15.0	23.0	---	23.0	28.0	29.0	28.0	26.0
22	20.0	14.0	---	9.5	16.0	21.0	---	23.0	27.0	28.0	29.0	21.0
23	18.0	15.0	9.0	10.0	17.0	20.0	---	24.0	28.0	28.0	29.0	22.0
24	15.0	14.0	9.5	10.0	17.0	19.0	17.0	25.0	27.0	28.0	30.0	23.0
25	16.0	17.0	10.0	10.0	16.0	20.0	18.0	25.0	26.0	28.0	29.0	22.0
26	16.5	17.0	11.0	10.0	15.0	18.0	20.0	26.0	26.0	29.0	29.0	23.0
27	14.5	18.0	11.0	10.0	13.0	16.0	20.0	27.0	26.0	29.0	29.0	22.0
28	15.0	18.0	12.0	10.0	13.0	15.0	20.0	27.0	26.0	29.0	29.0	22.0
29	16.0	18.0	11.0	---	---	15.0	21.0	27.0	26.0	29.0	28.0	22.0
30	18.0	19.0	10.0	---	---	15.0	21.0	28.0	26.0	30.0	28.0	22.0
31	19.0	---	10.5	---	---	16.0	---	29.0	---	30.0	28.0	---

294258091524100 VERMILION BAY AT CYPREMORT POINT, NEAR LOUISA, LA (CE 88850)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3100	2800	4400	---	---	1800	740	1300	810	1200	2500	2400
2	3100	3000	4700	---	---	1600	1400	950	780	950	2500	2400
3	3000	2800	4600	---	2500	1700	710	1200	800	890	1700	2500
4	3100	3100	4600	---	2600	1700	710	880	800	880	2400	2400
5	3000	3200	4600	---	2500	1600	700	1200	750	920	2900	2300
6	3100	3100	3800	---	2300	1500	970	920	800	920	1200	2400
7	3000	3500	3800	---	2100	1600	690	940	740	980	2400	2400
8	3100	3000	---	---	2200	1700	---	890	760	890	2600	2300
9	3100	3000	3900	3700	2400	1600	---	940	760	1000	2900	2500
10	3000	3400	4000	3000	2300	1800	---	810	800	980	2700	2400
11	3000	3300	3900	3600	2300	1500	---	940	760	980	2700	2500
12	3000	3900	4200	3600	2600	1700	---	940	840	960	2200	2300
13	---	3000	3000	3600	2100	1300	---	800	710	1000	2500	2500
14	3100	4000	4100	3700	2400	1900	---	700	950	1000	2600	2400
15	3100	3800	4000	2900	2100	1900	---	800	800	1100	2300	---
16	---	3900	2900	3700	2400	1800	---	780	---	980	2600	2000
17	3000	4000	3000	3800	2100	1700	---	820	740	1100	2700	2000
18	3100	3700	3000	3700	2200	1600	---	670	760	1200	3100	2000
19	3000	3900	---	3700	---	1500	---	870	780	1100	2600	2000
20	3000	4500	---	3700	2500	1200	---	780	960	1200	2600	1400
21	2500	3900	---	3500	2300	1400	---	860	960	1100	2700	2000
22	3100	4700	---	3500	2400	1600	---	1000	980	1200	2600	2000
23	2900	4400	---	3700	2500	1500	---	820	750	1100	2600	1900
24	3000	4300	---	3500	2000	1300	1500	880	1100	1100	2600	1400
25	3000	4400	---	3600	1700	1600	1100	860	1100	1200	2600	1400
26	2900	4500	---	3300	2200	1800	1400	840	1100	1100	2500	1500
27	2900	4400	---	3700	1500	1700	820	780	1200	1200	2400	1400
28	2900	4400	---	3600	1700	1000	1400	790	1100	1200	2300	1400
29	2900	4400	---	---	---	890	860	850	1100	1200	2500	1400
30	2600	4400	---	---	---	990	1200	800	1100	1200	2400	1400
31	2900	---	---	---	---	970	---	800	---	1200	2500	---

294700092114000 INTRACOASTAL WATERWAY AT VERMILION LOCK (EAST), NEAR INTRACOASTAL CITY, LA (CE 76720)

LOCATION.--Lat 29°47'00", long 92°11'40", T.14 S., R.3 E., Vermilion Parish, Hydrologic Unit 08080103, on north bank at east end of lock and 2.3 mi (3.7 km) west of Intracoastal City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1982 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to October 1978, December 1979 to September 1982 (discontinued).
CHLORIDE: October 1974 to October 1978, December 1979 to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 35.0°C July 26, 1977; minimum daily, 5.0°C Feb. 12, 1981.
CHLORIDE: Maximum daily, 7,700 mg/L June 4, 1981; minimum daily, 8.0 mg/L July 13, 14, 1975.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 32.0°C July 12; minimum daily, 10.0°C Jan. 14-17.
CHLORIDE: Maximum daily, 4,400 mg/L Dec. 15; minimum daily, 95 mg/L Feb. 28.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT												
15...	1800	8500	7.1	26.0	10	50	<1.0	6.9	170	1.7	500	140
JAN												
28...	1545	2980	6.8	14.5	60	250	<1.0	9.5	73	2.8	--	220
APR												
13...	0830	5320	6.7	19.0	20	65	<1.0	7.8	200	1.9	K100	K180
JUL												
21...	0845	4010	7.1	29.5	40	40	<1.0	4.9	130	2.0	80	K40

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
OCT												
15...	780	66	150	1500	49	64	340	2600	82	.17	.03	.20
JAN												
28...	300	31	53	520	18	49	110	870	344	.38	.06	.44
APR												
13...	570	52	110	880	29	61	230	1600	144	.24	.06	.30
JUL												
21...	400	40	74	660	24	73	140	1200	85	.09	.03	.12

DATE	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)
OCT												
15...	.57	.09	2	3	<10	<10	<1	<1	10	<1	16	8
JAN												
28...	1.1	.24	2	1	<10	<10	<1	<1	30	<1	17	7
APR												
13...	1.1	.09	2	1	<10	<10	<1	2	30	<1	9	9
JUL												
21...	1.5	.11	2	1	<10	10	2	2	10	<1	25	14

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

294700092114000 INTRACOASTAL WATERWAY AT VERMILION LOCK (EAST), NEAR INTRACOASTAL CITY, LA (CE 76720)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT												
15...	30	10	<1	.1	.1	7	3	<1	<1	60	20	9.3
JAN												
28...	60	25	2	.3	<.1	10	8	<1	<1	110	20	8.2
APR												
13...	50	14	19	.1	.1	8	2	<1	<1	40	40	13
JUL												
21...	30	10	4	<.1	<.1	10	1	<1	<1	80	30	9.4

DATE	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)
OCT											
15...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.01
JAN											
28...	<.01	9	--	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.01
APR											
13...	<.01	1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.01
JUL											
21...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01

DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
OCT											
15...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN											
28...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR											
13...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	.01	<.01	<.01	<.01
JUL											
21...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)
OCT											
15...	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01	<.01	9.10	.730
JAN											
28...	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01	<.01	1.82	<.100
APR											
13...	<.01	<.01	<.10	<1	<.01	<.01	<.01	<.01	<.01	7.78	2.10
JUL											
21...	<.01	<.01	<.10	<1	<.01	<.01	<.01	<.01	<.01	20.0	<.100

< Actual value is known to be less than the value shown.

294700092114000 INTRACOASTAL WATERWAY AT VERMILION LOCK (EAST), NEAR INTRACOASTAL CITY, LA (CE 76720)--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	15.0	22.0	---	15.0	14.0	19.0	25.0	29.0	30.0	---	31.0
2	23.0	20.0	20.0	---	---	16.0	21.0	24.0	30.0	31.0	---	30.0
3	---	16.0	20.0	---	15.0	16.0	22.0	25.0	29.0	31.0	---	31.0
4	---	15.0	19.5	---	15.0	16.0	21.0	25.0	29.0	31.0	30.0	31.0
5	24.0	15.0	18.0	---	15.0	18.0	21.0	26.0	29.0	31.0	30.0	29.0
6	22.0	19.0	---	17.0	14.0	16.0	21.0	25.0	30.0	31.0	30.0	28.0
7	---	16.0	17.0	17.0	13.0	14.0	21.0	25.0	30.0	31.0	30.0	29.0
8	22.0	19.5	17.0	15.5	13.0	15.0	22.0	25.0	---	31.0	31.0	29.0
9	21.0	15.0	16.0	15.0	14.0	14.0	21.0	25.0	30.0	31.0	31.0	27.0
10	---	19.5	16.0	15.0	---	17.0	21.0	26.0	30.0	31.0	31.0	27.0
11	21.5	---	17.0	12.0	13.0	15.0	20.0	---	30.0	31.0	---	27.0
12	22.0	19.0	17.0	---	13.0	16.0	21.0	26.0	30.0	32.0	29.0	26.0
13	19.5	18.0	16.0	---	13.0	15.0	21.0	25.0	30.0	31.0	29.0	27.0
14	---	19.0	16.0	10.0	13.0	16.0	---	25.0	30.0	31.0	30.0	27.5
15	14.0	18.0	17.0	10.0	13.0	17.0	23.0	26.0	30.0	31.0	29.0	---
16	21.0	19.0	---	10.0	13.0	---	22.0	26.0	---	31.0	---	28.0
17	18.0	19.0	---	10.0	---	---	24.0	26.0	28.5	31.0	---	28.0
18	18.0	---	---	11.0	19.0	24.0	---	26.0	---	31.0	29.0	28.5
19	16.0	---	---	11.0	19.0	24.0	24.0	25.0	29.0	31.0	30.0	29.5
20	15.0	---	---	14.0	19.0	25.0	24.0	25.0	---	29.0	29.0	29.0
21	---	---	---	13.0	19.0	---	24.0	27.0	30.0	30.0	29.0	28.0
22	---	---	---	18.0	19.0	---	23.0	26.5	30.0	30.0	30.0	26.5
23	12.0	18.0	---	18.0	20.0	---	21.0	26.5	29.0	30.0	31.0	---
24	12.0	---	---	17.0	19.5	22.5	21.0	26.5	30.0	30.0	30.0	---
25	---	---	---	17.0	19.0	21.5	23.0	---	29.0	31.0	30.5	25.0
26	13.0	22.0	---	16.0	19.5	---	22.0	28.0	29.0	31.0	30.0	25.0
27	---	22.0	---	14.0	16.0	20.0	23.0	28.0	29.0	31.0	31.0	24.0
28	---	22.0	---	14.5	13.0	---	22.0	28.0	29.0	---	---	25.0
29	14.0	22.0	---	---	---	---	23.0	29.0	28.0	---	31.0	25.5
30	15.0	22.0	---	15.5	---	21.0	24.0	29.0	29.0	---	31.0	26.0
31	17.0	---	---	---	---	18.0	---	29.0	---	---	---	---

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3000	2700	---	1000	170	1900	780	340	670	---	630
2	1900	3400	2400	---	---	220	2000	430	460	420	---	620
3	---	2900	2500	---	1500	100	1600	210	430	610	---	860
4	---	2900	2500	---	1100	270	1900	220	450	640	590	810
5	2500	2700	2400	---	1000	430	1700	220	460	640	500	740
6	2600	2800	---	1000	990	440	1800	220	430	620	450	850
7	---	2700	3500	1000	820	440	1700	110	460	390	440	910
8	2400	2900	2500	1100	790	440	1600	140	---	530	510	980
9	2300	2900	2500	1000	1200	690	1500	220	530	450	500	1000
10	---	2800	1500	960	---	660	1700	230	530	410	420	1200
11	2200	---	2200	890	860	670	1700	---	510	480	---	1400
12	2300	2000	2200	---	1400	660	1600	340	520	380	370	1600
13	2300	2000	4300	---	1400	670	1400	460	510	320	410	790
14	---	1900	3600	160	1500	650	---	630	500	390	420	1500
15	2700	1600	4400	160	1400	660	1600	590	580	810	350	---
16	2600	1500	---	200	1400	---	1600	570	---	760	---	1000
17	2600	1400	---	160	---	---	1500	430	590	930	---	1100
18	2700	---	---	280	720	1000	---	430	---	1100	270	960
19	2600	---	---	280	840	1200	1300	310	590	900	330	800
20	2400	---	---	420	860	1300	1300	430	---	1100	640	670
21	---	---	---	280	770	---	1300	320	590	1100	980	620
22	---	---	---	310	560	---	1200	220	590	1400	710	580
23	2400	1900	---	440	560	---	900	310	630	1500	490	---
24	2500	---	---	180	410	2400	1100	230	660	1500	390	---
25	---	---	---	450	200	2700	960	---	740	1300	370	620
26	2600	2200	---	170	110	---	860	160	760	1200	480	620
27	---	2300	---	460	140	2000	1200	170	710	1100	490	650
28	---	2400	---	510	95	---	1000	230	720	---	---	610
29	2900	2500	---	---	---	---	900	260	710	---	490	610
30	2900	2500	---	1200	---	2100	900	400	690	---	480	590
31	3100	---	---	---	---	1800	---	380	---	---	---	---

294705092115300 INTRACOASTAL WATERWAY AT VERMILION LOCK (WEST), NEAR INTRACOASTAL CITY, LA (CE 76800)

LOCATION.--Lat 29°47'05", long 92°11'53", T.14 S., R.3 E., Vermilion Parish, Hydrologic Unit 08080103, on north bank at west end of lock and 2.5 mi (4.0 km) west of Intracoastal City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1982 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to October 1978, December 1979 to September 1982 (discontinued).
CHLORIDE: October 1974 to October 1978, December 1979 to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 35.0°C July 26, Aug. 1, 1977; minimum daily, 4.0°C Jan. 20-22, 1981.
CHLORIDE: Maximum daily, 8,200 mg/L Apr. 23, 1981; minimum daily, 3.0 mg/L July 15, 1975.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 31.0°C on several days during June, July, and Aug.; minimum daily, 9.0°C Jan. 18.
CHLORIDE: Maximum daily, 4,900 mg/L Dec. 5; minimum daily, 91 mg/L Mar. 2.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.0	21.0	23.0	14.5	15.0	19.0	19.0	25.0	29.0	29.0	30.0	30.0
2	20.0	20.0	20.0	15.0	15.0	16.0	21.0	25.0	29.0	29.0	30.0	29.0
3	19.0	21.0	20.0	15.5	15.0	16.0	21.0	25.0	29.0	30.0	31.0	30.0
4	19.0	20.0	19.5	15.5	15.0	16.0	22.0	25.0	29.0	31.0	29.0	29.0
5	19.0	19.0	18.0	15.5	16.0	18.0	21.0	25.0	30.0	31.0	30.0	27.0
6	20.0	20.0	18.0	17.0	14.0	16.0	21.0	25.0	30.0	31.0	31.0	28.0
7	---	20.0	17.5	17.0	13.0	15.0	20.0	25.0	30.0	30.0	29.0	28.0
8	20.0	20.0	17.0	15.5	13.0	15.0	21.0	24.0	---	31.0	30.0	28.0
9	20.0	20.0	16.0	15.0	---	15.0	20.0	25.0	30.0	30.0	30.0	28.0
10	20.0	20.0	16.0	15.0	12.0	15.0	20.0	25.0	30.0	30.0	29.0	28.0
11	19.0	19.0	16.0	12.0	13.0	16.0	20.0	25.0	30.0	30.0	29.0	28.0
12	19.0	19.0	17.0	12.0	14.0	17.0	20.0	26.0	30.0	31.0	29.0	26.0
13	20.0	19.0	17.0	10.0	13.0	18.0	20.0	25.0	29.0	30.0	29.5	27.0
14	20.0	19.0	16.0	10.0	13.0	18.0	22.0	24.0	31.0	31.0	30.0	28.0
15	18.0	19.0	15.0	10.0	13.0	13.0	23.0	24.0	28.0	31.0	30.0	28.0
16	19.0	19.0	15.0	10.0	13.0	21.0	24.0	27.0	28.0	30.0	29.0	29.0
17	18.0	19.0	15.0	10.0	17.0	23.0	22.0	25.0	27.5	31.0	29.0	30.0
18	15.0	20.0	14.0	9.0	18.0	24.0	23.0	26.0	28.5	31.0	29.0	29.0
19	16.0	19.0	12.0	11.0	17.0	22.0	24.0	25.0	30.0	30.0	29.0	29.0
20	15.0	19.0	11.0	14.0	18.0	25.0	25.0	26.0	30.0	31.0	29.0	29.0
21	14.0	18.0	13.0	15.0	17.0	26.0	24.0	26.0	29.5	30.0	29.0	28.0
22	15.0	18.0	11.0	14.0	21.0	23.0	23.0	26.5	30.0	30.0	30.0	26.0
23	13.0	18.0	---	16.0	20.0	22.0	21.0	26.5	29.0	30.0	31.0	27.0
24	12.0	---	14.0	14.0	19.5	22.5	21.5	28.0	29.0	31.0	30.0	27.0
25	12.0	19.0	12.0	16.0	19.0	22.5	21.0	28.0	29.0	31.0	31.0	26.0
26	11.0	20.0	14.0	15.0	18.0	21.0	24.0	28.0	29.0	30.0	30.0	27.0
27	10.0	21.0	15.0	14.0	16.0	20.0	22.5	28.0	29.0	31.0	31.0	26.0
28	10.0	20.0	15.0	14.0	15.5	19.5	22.0	28.0	29.0	---	30.0	26.0
29	11.0	22.0	15.0	15.0	---	18.0	23.0	29.0	28.0	---	31.0	25.0
30	13.0	22.0	14.0	15.0	---	---	24.0	29.0	29.0	---	30.0	25.0
31	14.0	---	14.5	15.5	---	---	---	29.0	---	---	31.0	---

294705092115300 INTRACOASTAL WATERWAY AT VERMILION LOCK (WEST), NEAR INTRACOASTAL CITY, LA (CE 76800)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2300	3100	2500	1300	1100	98	2000	690	350	720	510	590
2	1900	3100	2400	920	2400	91	2000	470	330	670	500	650
3	2000	2900	2300	1100	1300	98	2000	390	380	600	510	660
4	2100	2800	2500	1200	1000	270	1900	110	470	540	480	670
5	2500	2800	4900	1000	1100	400	1700	100	450	480	460	690
6	2400	2700	2300	1100	990	420	1900	110	440	550	440	880
7	---	2800	3400	1000	730	420	1700	140	460	610	430	900
8	2400	2700	4000	990	640	440	1900	150	---	610	460	950
9	2400	2700	4000	1200	---	560	1700	160	500	990	490	1200
10	2400	2700	4100	980	610	660	1700	160	490	340	420	1000
11	2400	2300	4100	410	480	670	1700	330	510	420	360	1300
12	2300	1900	4300	200	610	570	1800	330	510	340	360	1400
13	2300	1900	4400	620	430	700	1700	450	500	300	350	1200
14	2400	1900	4100	430	440	700	1500	670	510	370	320	1200
15	2700	1700	3700	270	430	690	1600	680	560	700	270	1300
16	2600	1600	3200	210	1300	720	1700	590	590	780	250	1200
17	2500	1700	2700	190	980	960	1400	460	570	850	260	930
18	2500	1300	2400	150	1500	830	1500	490	570	890	230	870
19	2500	1300	1600	180	1000	1000	1300	600	560	980	350	700
20	2400	2000	1900	180	1200	1200	1300	400	590	1200	610	800
21	2500	1900	1200	140	700	1600	1400	340	630	1400	650	490
22	2300	1900	3400	170	470	1700	1200	210	490	1400	420	610
23	2500	2000	---	320	580	1600	1300	130	580	1500	440	570
24	2500	---	3400	150	260	2100	1300	120	650	1300	340	640
25	2500	2000	2700	340	160	2500	1000	180	720	1300	310	560
26	2700	2200	2000	160	140	2100	1100	180	710	1300	300	620
27	2700	2100	2000	230	120	1900	1100	260	700	1200	330	640
28	2300	2400	1500	800	100	2000	990	190	760	---	300	660
29	2800	2400	1400	940	---	2100	910	270	670	---	250	650
30	2400	2500	1300	1100	---	---	900	330	670	---	470	620
31	2400	---	1100	1400	---	---	---	310	---	---	510	---

294528092154801 SCHOONER BAYOU (INLAND WATERWAY) EAST OF CONTROL STRUCTURE, NEAR FORKED ISLAND, LA

LOCATION.--Lat 29°45'28", long 92°15'48", T.15 S., R.2 E., Vermilion Parish, Hydrologic Unit 08080202, at southeast fender of structure and 5.4 mi (8.7 km) southeast of Forked Island.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1982 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to October 1978, December 1979 to September 1982 (discontinued).
CHLORIDE: October 1974 to October 1978, December 1979 to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey. Corps of Engineers station 76600.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.0°C July 19-24, 1980, July 19, 21, 23, 1981, June 20, July 12, 1982; minimum daily, 1.0°C Jan. 10, 1977.
CHLORIDE: Maximum daily, 8,400 mg/L Apr. 4, 1981; minimum daily, 25 mg/L June 9, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 32.0°C June 20, July 12; minimum daily, 4.0°C Jan. 12, 16, Feb. 7.
CHLORIDE: Maximum daily, 4,500 mg/L Dec. 12; minimum daily, 44 mg/L Feb. 20.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.5	18.5	17.0	10.0	10.0	7.0	17.0	23.0	30.0	28.0	30.0	30.0
2	29.0	18.0	17.0	11.0	10.0	11.0	19.0	23.0	30.0	28.0	29.0	29.0
3	26.5	17.0	15.5	14.0	11.5	10.0	20.0	24.0	30.0	29.0	31.0	29.0
4	27.0	20.0	15.0	12.0	9.0	15.0	19.0	23.0	30.0	29.0	30.0	28.0
5	26.5	19.5	15.0	11.0	8.0	13.0	20.0	23.0	30.0	31.0	30.0	28.0
6	27.0	20.0	15.0	15.0	5.0	11.5	19.0	23.0	30.0	29.0	30.0	27.5
7	26.0	19.5	15.0	14.5	4.0	9.0	15.0	25.0	30.0	31.0	29.0	28.0
8	27.0	19.0	19.0	11.5	6.5	8.0	18.0	21.0	30.0	31.0	29.0	28.0
9	26.5	19.0	12.0	8.0	9.5	11.0	14.0	23.0	30.0	31.0	29.0	26.5
10	25.5	16.0	14.0	7.0	7.0	11.5	18.5	23.5	30.5	31.0	29.0	27.0
11	26.0	15.0	12.5	5.0	6.0	15.0	17.0	24.5	30.0	31.0	29.0	26.0
12	26.0	15.0	14.0	4.0	7.5	13.0	17.0	24.0	31.0	32.0	29.0	26.0
13	26.0	17.0	14.0	5.0	8.0	20.0	17.0	23.0	31.0	29.0	29.0	26.0
14	27.0	17.5	11.0	---	8.5	17.0	19.0	23.0	31.0	28.0	29.0	26.5
15	25.0	18.0	11.0	---	9.0	17.0	20.0	24.0	30.0	30.0	30.0	27.0
16	25.0	18.0	12.0	4.0	12.0	17.5	22.0	23.0	---	29.0	30.0	27.0
17	25.0	16.0	11.0	---	15.0	21.0	24.0	23.0	29.0	29.0	30.0	27.0
18	25.5	19.0	10.0	5.0	13.0	21.0	22.5	23.0	29.0	29.0	29.0	27.0
19	20.0	22.0	6.0	---	13.0	21.0	22.5	25.0	29.0	29.0	30.0	28.0
20	19.0	16.0	7.0	10.0	16.0	23.0	23.0	21.0	32.0	28.0	29.0	26.0
21	21.0	13.0	---	11.5	14.5	25.0	23.0	23.0	30.0	29.0	28.5	27.0
22	19.0	13.0	10.0	12.5	15.0	24.0	21.0	23.5	30.0	30.0	29.0	25.0
23	17.0	14.0	7.5	12.0	12.5	24.0	19.5	24.5	30.0	29.0	29.0	25.5
24	18.0	15.0	9.0	11.5	16.0	21.5	19.0	24.0	31.0	29.0	29.0	25.0
25	17.0	20.0	12.0	12.0	15.0	22.0	19.0	26.0	30.0	29.0	29.0	26.0
26	18.5	20.0	9.0	13.0	16.0	20.0	20.0	26.5	29.0	30.0	29.0	26.0
27	17.0	16.0	12.0	13.0	8.5	17.5	20.0	27.0	28.0	29.0	29.5	26.0
28	18.0	19.0	10.0	11.0	11.0	15.0	21.5	27.0	28.0	30.0	30.0	26.0
29	17.0	17.5	12.0	12.0	---	14 5	20.0	28.0	27.0	30.0	29.0	26.0
30	19.5	21.0	9.0	14.0	---	15.0	20.0	27.5	27.0	30.0	29.0	26.5
31	21.0	---	13.0	13.5	---	16.0	---	28.5	---	30.0	31.0	---

294528092154801 SCHOONER BAYOU (INLAND WATERWAY) EAST OF CONTROL STRUCTURE, NEAR FORKED ISLAND, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1100	3000	2300	---	460	510	540	130	420	980	1300	660
2	1400	3400	2100	360	430	360	520	160	380	1300	1600	640
3	1100	2600	2600	340	170	150	1100	420	360	1300	370	790
4	1200	2100	2200	---	130	420	810	220	410	1100	140	640
5	2000	2500	2700	240	200	66	1600	120	400	1400	420	880
6	2100	1900	3000	440	520	85	860	300	400	600	400	810
7	2200	2100	2100	320	490	550	500	320	200	900	86	900
8	2200	2600	3700	640	890	470	1500	54	430	970	80	940
9	1700	2800	3400	580	1700	510	1100	230	450	1500	69	1000
10	1900	900	3200	540	490	360	380	100	550	1700	79	1400
11	1700	780	2800	520	440	260	760	84	530	1900	93	1400
12	1500	680	4500	640	360	260	840	120	530	1600	110	1900
13	1600	720	4100	600	540	320	1100	260	450	1400	140	990
14	3100	660	4100	600	1100	370	1000	880	510	970	97	490
15	3000	600	1200	490	1400	250	900	160	550	1500	130	320
16	2700	640	700	270	200	470	1100	100	620	1600	130	190
17	2600	590	940	240	59	460	1300	140	600	1600	83	120
18	2600	650	1200	160	190	440	700	66	650	1600	57	67
19	1900	510	780	370	82	660	860	68	620	1600	54	290
20	1700	690	1500	360	44	980	840	100	640	1100	85	140
21	2300	710	2700	370	160	1700	340	110	570	1700	120	140
22	1900	1800	3300	480	240	520	260	290	630	1400	150	260
23	2200	2100	3700	300	180	930	100	100	620	1400	350	210
24	2200	2100	2900	110	420	2400	100	310	640	1400	360	270
25	2300	1900	260	320	89	1900	59	390	600	1100	150	260
26	2100	1900	460	110	330	570	46	390	670	1000	360	440
27	1500	2000	480	92	540	540	340	360	650	1200	330	370
28	2100	2000	---	850	560	640	350	58	720	1100	300	210
29	2300	1700	580	460	---	1500	78	62	670	1200	300	240
30	2300	2400	---	920	---	440	78	53	650	1400	300	240
31	2100	---	440	980	---	520	---	260	---	770	380	---

293316092182000 FRESHWATER CANAL AT FRESHWATER BAYOU LOCK (NORTH), NEAR FORKED ISLAND, LA (CE 76592)

LOCATION.--Lat 29°33'16", long 92°18'20", T.16 S., R.2 E., Vermilion Parish, Hydrologic Unit 08080202, on north side of lock and 18.9 mi (30.4 km) south of Forked Island.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1982 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to October 1978, December 1979 to September 1982 (discontinued).
CHLORIDE: October 1974 to October 1978, December 1979 to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.0°C Aug. 4, 24, 1978, Aug. 25, 1982; minimum daily, 2.0°C Jan. 17, 1982.
CHLORIDE: Maximum daily, 17,000 mg/L Mar. 31, 1981; minimum daily, 280 mg/L May 15, 1975.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 32.0°C Aug. 25; minimum daily, 2.0°C Jan. 17.
CHLORIDE: Maximum daily, 16,000 mg/L Nov. 21; minimum daily, 1,700 mg/L Jan. 30.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.0	21.0	17.5	14.0	13.5	14.0	20.0	25.0	---	27.0	30.0	28.0
2	27.0	21.0	20.5	14.0	14.0	14.0	21.0	24.0	23.0	28.0	30.0	28.0
3	27.0	19.5	20.0	15.5	13.0	14.0	21.0	24.0	23.0	28.0	26.0	31.0
4	25.0	18.5	19.0	---	12.0	14.0	21.0	25.0	29.0	28.0	29.0	28.5
5	25.0	18.5	17.0	15.0	12.0	14.5	20.0	25.0	29.0	29.0	29.0	29.0
6	27.0	19.0	11.0	16.0	12.0	13.5	19.0	25.0	29.0	30.0	29.0	28.0
7	27.0	19.0	17.0	16.0	8.0	13.0	19.0	25.0	29.0	24.0	29.0	29.0
8	27.0	20.0	16.5	13.0	10.0	13.5	19.0	23.0	30.0	26.0	29.0	29.0
9	27.0	19.0	16.0	12.5	14.5	14.0	19.0	23.0	28.0	30.0	29.0	29.0
10	27.0	21.0	17.5	13.0	10.0	14.0	18.0	23.0	28.0	30.0	29.0	27.0
11	27.0	17.5	17.0	8.5	10.0	15.0	16.0	25.0	29.0	30.0	29.0	26.0
12	27.0	18.0	17.5	---	11.5	17.0	17.0	25.0	29.0	30.0	26.0	26.0
13	27.0	17.5	---	9.0	11.0	18.0	18.0	23.5	29.0	29.0	28.0	27.0
14	27.0	17.5	---	5.0	11.0	20.0	21.0	23.0	29.0	29.0	28.0	---
15	27.0	17.5	14.5	5.0	12.0	20.0	21.0	23.0	28.0	30.0	29.0	---
16	27.0	18.5	14.0	3.0	13.0	15.0	23.0	25.5	28.0	29.0	29.0	---
17	24.0	18.0	15.0	2.0	13.5	21.0	18.0	25.0	28.0	29.0	29.0	28.0
18	25.0	20.0	13.5	8.0	13.5	23.0	22.0	25.5	25.0	30.0	29.5	27.0
19	23.0	21.5	11.5	11.0	11.5	23.0	22.5	25.0	25.0	30.0	30.0	28.0
20	20.0	17.5	10.0	11.0	11.0	23.5	22.0	25.5	23.0	27.0	27.0	28.0
21	20.0	17.5	10.0	13.0	17.0	24.0	22.0	25.5	23.0	27.0	27.0	27.0
22	20.0	14.5	12.0	14.0	17.0	23.0	21.0	27.0	28.0	24.0	30.0	26.0
23	20.0	15.5	13.0	15.0	18.0	21.0	19.0	28.0	27.0	28.0	29.0	24.0
24	20.0	18.5	13.0	11.5	18.0	22.0	19.0	28.0	28.0	27.0	29.0	24.0
25	19.0	20.0	13.5	11.0	19.0	21.0	20.0	27.0	30.0	25.0	32.0	25.0
26	14.0	19.0	13.0	15.0	17.0	21.0	22.0	28.0	29.0	26.0	31.0	24.0
27	17.0	19.5	13.5	12.0	16.0	21.0	21.0	28.0	27.0	30.0	30.0	24.0
28	17.0	20.5	14.5	14.0	15.5	15.0	22.0	28.5	27.0	30.0	31.0	25.0
29	18.0	21.0	14.0	14.0	---	16.0	23.0	27.0	---	30.0	26.0	24.0
30	19.0	21.5	13.0	14.0	---	18.5	23.0	27.0	---	30.0	27.0	25.0
31	21.0	---	14.0	14.0	---	18.0	---	---	---	30.0	29.0	---

293316092182000 FRESHWATER CANAL AT FRESHWATER BAYOU LOCK (NORTH), NEAR FORKED ISLAND, LA (CE 76592)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5300	7800	7800	3700	9800	9700	3700	4600	---	7200	13000	7600
2	6900	7900	7800	7500	8200	9600	3500	4500	12000	5600	13000	7900
3	6500	13000	11000	8900	5100	8100	3500	4400	8400	6200	12000	6900
4	6600	15000	8700	7600	5100	8000	4200	4600	7300	6500	13000	7800
5	6500	12000	9700	8700	10000	6200	3600	5300	7700	6200	13000	7200
6	5700	6700	11000	7700	9200	5400	5900	5200	9800	7200	11000	6400
7	6900	6600	10000	7500	9300	6500	3600	8700	8400	6300	12000	5600
8	6700	6500	12000	7800	9100	7800	4000	4100	6800	---	8200	5400
9	9400	6400	10000	7600	7700	7400	4700	3700	8200	7700	8100	5400
10	8100	4800	10000	8000	7300	7100	6100	3400	8200	10000	7700	4900
11	10000	11000	8600	11000	7000	7600	5100	3600	8000	11000	7400	3500
12	7500	13000	8100	12000	7600	6600	5200	3200	7300	11000	6700	3500
13	6400	11000	8600	11000	7500	6200	4500	2600	7300	8800	11000	3600
14	6500	9600	8600	11000	8600	5500	4500	2500	8900	5400	8900	---
15	6000	11000	7800	8400	8600	5100	4000	2600	8300	7200	10000	---
16	5600	12000	9200	8300	6700	5000	3900	2300	7800	6900	9200	---
17	5500	12000	9200	8200	6600	4700	5600	2200	6900	8900	10000	4200
18	6500	12000	9200	8000	6200	3900	8300	2200	5800	10000	8700	4000
19	7100	7800	11000	9000	5600	3300	4300	1900	5200	5400	8600	3800
20	11000	5500	11000	7100	5900	3200	4400	2500	6400	4300	8100	4300
21	8900	16000	11000	6900	6200	3200	4500	2200	6100	5500	8800	5500
22	8700	15000	8500	6700	6400	3200	3600	2500	7700	4600	6900	6900
23	7700	10000	8500	6700	6200	3200	3300	2300	4900	4500	6000	6600
24	8200	11000	8600	9200	6100	3000	3600	3700	6500	6800	6700	6800
25	7800	10000	9200	9900	5200	4200	8400	3200	7200	8800	8200	6400
26	6500	10000	7900	4400	4900	4200	8200	4400	7000	9100	9800	7200
27	8400	8700	8300	14000	9700	4300	5300	3500	6600	7700	8800	8100
28	12000	8500	8600	8400	9700	4100	4700	3100	7100	8400	8900	7000
29	9100	8400	8300	6400	---	3700	5600	---	---	8400	8900	7100
30	7600	8100	7600	1700	---	3700	4800	---	---	11000	9400	6600
31	7900	---	7900	2600	---	3800	---	---	---	11000	9100	---

08010010 BAYOU DES CANNES AT STATE HIGHWAY 755, NEAR EUNICE, LA

LOCATION.--Lat 30°27'55", long 92°30'05", in SE1/4SE1/4 sec. 6, T. 7 S., R. 1 W., Louisiana meridian, Acadia Parish, Hydrologic Unit 08080201, near left bank on upstream side of bridge on State Highway 755, 1.8 mi (2.9 km) downstream from gaging station Bayou Des Cannes near Eunice (station 0801000), and 4.5 mi (7.2 km) southwest of water tower at Eunice.

DRAINAGE AREA.--140 mi^2 (363 km^2).

PERIOD OF RECORD.--October 1979 to current year (gage heights above 2.20 ft or 0.671 m only). Unpublished records, April 1941 to September 1979, available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is 13.70 ft (4.176 m) National Geodetic Vertical Datum of 1929. Apr. 1, 1941 to Nov. 1, 1950, nonrecording gage, Nov. 2, 1950 to Oct. 30, 1957, water-stage recorder, and Oct. 31, 1957 to Jan. 13, 1958, nonrecording gage at same site and datum.

REMARKS.--No gage heights recorded below 2.20 ft (0.671 m). Small diversion above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 17.22 ft (5.249 m) Mar. 29, 1980.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since April 1941, 19.76 ft (6.023 m) May 20, 1953.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.08 ft (4.901 m) Feb. 17; minimum, not determined.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				14.29	3.39	2.68	2.90	---	---	---	---	---
2				12.54	2.35		3.38	---	---	---	---	---
3	2.32	6.17		6.41	5.29		4.20	---	---	---	---	---
4		5.77		3.64	5.28		3.78	---	---	---	---	---
5		3.42		2.72	2.81		3.18	---	---	---	---	---
6							2.98	---	---	---	---	---
7	3.52						2.87	---	---	---	---	---
8	3.41			8.96				---	---	---	---	---
9		7.38		5.23				---	---	---	---	---
10		9.64		2.91	8.46			---	---	---	---	---
11		9.45			4.88		2.84	---	---	---	---	---
12		2.66			2.34			---	---	---	---	---
13				11.86	3.59		2.32	---	---	---	12.14	---
14				9.96			3.45	---	---	---	9.92	---
15			6.75	6.23	3.34		2.65	---	---	---	4.60	---
16			3.41	4.96	14.38		3.03	---	---	---	2.41	---
17			2.22	3.89	15.99		3.49	---	---	---	4.02	---
18			2.53	2.66	15.96		9.65	---	---	---	2.30	---
19			2.59		14.44		5.14	---	---	---		---
20					9.59		3.78	---	---	---		---
21					4.26		---	---	---	---	---	---
22			2.41		2.82		---	---	---	---	---	---
23			2.61		2.34		---	---	---	---	---	---
24				3.00			---	---	---	---	---	---
25			2.45				---	---	---	---	---	---
26			3.00			2.23	---	---	---	---	---	---
27	2.38				7.58		---	---	---	---	---	---
28	2.26				4.60	2.39	---	---	---	---	---	---
29					---	2.59	---	---	---	---	---	---
30					---	2.35	---	---	---	---	---	---
31		---	8.45	3.64	---	2.64	---	---	---	---	---	---
MAX	3.52	9.64	6.75	14.29	15.99	2.68	9.65	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

NOTE.--No gage-height record Apr. 21 to Aug. 12, Aug. 21 to Sept. 30.

08012020 BAYOU NEZPIQUE AT MAMOU PUMPING PLANT, NEAR BASILE, LA

LOCATION.--Lat 30°25'10", long 92°35'40", in lot 19, T. 7 S., R. 2 W., Louisiana meridian, Acadia-Jefferson Davis Parish line, Hydrologic Unit 08080201, at head of Mamou Canal, 4.5 mi (7.2 km) south of Basile, and 7.5 mi (12.1 km) downstream from gaging station Bayou Nezpique near Basile (station 08012000).

DRAINAGE AREA.--542 mi² (1,404 km²).

PERIOD OF RECORD.--October 1973 to current year (gage heights only). Unpublished records March 1945 to September 1973 available in files of Baton Rouge district office.

REVISED RECORDS.--WDR LA-77-2: 1974-76(M).

GAGE.--Water-stage recorder. Datum of gage is 1.03 ft (0.314 m) below National Geodetic Vertical Datum of 1929. Prior to July 7, 1979, nonrecording gage at same site and datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 24.05 ft (7.330 m) Sept. 23, 1979; minimum daily, 2.35 ft (0.716 m) Oct. 28, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since March 1945, 30.3 ft (9.24 m) May 21, 22, 1953.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.73 ft (6.623 m) Feb. 19; minimum, 2.55 ft (0.777 m) June 14.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.50	3.91	3.10	12.14	5.91	11.88	4.48	18.90	3.43	---	8.43	3.02
2	3.07	3.66	2.98	14.96	7.52	9.26	4.65	18.17	3.37	---	10.55	3.11
3	3.03	6.42	3.09	16.33	8.43	5.56	4.80	17.36	3.40	---	13.92	3.20
4	3.16	7.11	2.91	16.72	6.77	5.33	4.79	15.83	3.32	---	15.82	3.20
5	3.17	8.26	2.87	15.38	9.30	4.77	4.89	12.75	3.24	---	16.49	3.20
6	3.15	5.66	2.95	15.55	8.33	4.45	4.35	9.32	3.23	---	16.08	3.20
7	3.13	4.41	3.00	14.55	8.40	4.09	3.98	6.03	3.17	---	14.41	3.20
8	3.44	3.84	2.99	13.21	5.65	3.99	4.11	4.56	3.14	---	11.60	3.20
9	3.45	4.01	2.93	11.61	4.81	4.81	4.01	4.43	3.10	---	8.56	3.20
10	3.50	7.32	2.94	9.46	7.34	5.54	3.93	4.09	3.06	---	6.81	3.20
11	3.29	3.97	3.38	8.14	10.98	5.25	4.22	3.88	2.75	---	8.25	6.17
12	3.24	4.36	2.97	5.04	10.55	4.41	4.93	3.85	2.93	---	8.09	13.22
13	3.32	6.73	2.91	7.67	9.10	4.20	4.77	4.47	2.75	---	10.34	15.57
14	3.34	5.10	3.04	11.46	7.23	4.03	4.38	13.31	2.71	---	11.35	17.22
15	3.33	4.09	3.07	12.68	7.14	4.01	4.06	15.56	3.02	---	9.96	18.05
16	3.25	3.62	3.73	12.72	14.47	3.76	4.08	17.07	3.46	---	7.37	---
17	3.27	3.41	3.82	11.70	18.52	3.63	6.25	17.42	5.65	---	5.51	---
18	3.17	3.37	3.37	10.44	21.36	3.52	10.79	16.70	7.07	---	4.82	---
19	3.05	3.39	3.37	9.42	21.73	3.56	13.29	15.19	6.72	---	4.52	---
20	3.10	2.97	3.43	8.80	21.57	3.64	13.27	13.48	5.74	---	4.76	---
21	3.14	2.97	3.55	5.75	21.22	3.65	12.17	11.33	---	4.92	4.45	---
22	3.13	3.08	3.64	5.09	20.85	3.58	14.43	8.71	---	6.29	3.98	---
23	2.86	3.15	3.50	4.74	20.43	3.25	16.57	6.52	---	6.75	3.73	---
24	2.92	3.05	3.55	4.52	19.93	3.45	18.27	4.99	---	6.42	3.60	---
25	3.10	3.04	3.90	4.93	19.28	3.41	19.45	4.36	---	5.98	3.39	---
26	3.12	3.23	4.12	4.83	18.43	3.22	20.07	4.86	---	5.30	3.26	---
27	3.17	3.21	4.09	4.50	17.09	3.10	20.30	4.60	---	6.79	3.23	---
28	4.35	2.97	3.95	4.19	14.62	3.33	20.21	5.09	---	8.77	3.16	---
29	5.13	3.04	3.68	3.92	---	3.69	19.92	4.90	---	8.71	3.08	---
30	4.47	3.22	3.45	3.85	---	4.37	19.47	4.18	---	7.81	---	---
31	3.70	---	6.05	4.36	---	4.63	---	3.63	---	8.12	---	---
MAX	5.13	8.47	6.05	16.72	21.73	11.88	20.30	18.90	---	8.77	16.49	---
MIN	2.86	2.97	2.87	3.85	4.81	3.10	3.93	3.63	2.71	---	---	3.02

08012150 MERMENTAU RIVER AT MERMENTAU, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°11'23", long 92°35'25", on line between lots 14 and 31, T.10 S., R.2 W., Jefferson Davis Parish, Hydrologic Unit 08080202, at U.S. Highway 90 bridge between Silverwood and Mermentau.

DRAINAGE AREA.--1,381 mi² (3,577 km²).

PERIOD OF RECORD.--Water years 1953, 1979 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1980 to September 1982 (discontinued).
WATER TEMPERATURES: April 1980 to September 1982 (discontinued).

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 642 micromhos Oct. 2, 1981; minimum daily, 51 micromhos Feb. 20, 1982.
WATER TEMPERATURES: Maximum daily, 31.0°C July 12, 14, 15, 17-20, 1980; minimum daily, 6.0°C Jan. 17, 1982.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum daily, 452 micromhos Apr. 21; minimum daily, 51 micromhos Feb. 20.
WATER TEMPERATURES: Maximum daily, 30.0°C July 28; minimum daily, 6.0°C Jan. 17.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT										
19...	1100	E.00	262	6.2	23.0	60	15	3.2	2.5	K90
DEC										
01...	1200	474	185	6.7	20.0	100	36	4.8	--	K20
FEB										
18...	1530	8000	106	6.3	16.5	120	140	9.4	2.2	K1300
APR										
01...	1100	E.00	165	6.4	19.5	100	120	4.3	1.4	K7
JUN										
16...	1100	E.00	132	6.5	30.0	120	70	5.2	2.7	K200
AUG										
19...	1100	517	128	6.0	29.0	80	27	3.6	2.1	K30

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT										
19...	K2200	53	13	4.9	24	5.9	59	5.5	27	.2
DEC										
01...	46000	41	10	3.9	20	5.5	44	7.7	22	.2
FEB										
18...	9200	22	5.3	2.0	9.6	3.2	23	4.9	12	.1
APR										
01...	400	30	7.5	2.6	14	2.9	28	5.6	22	.1
JUN										
16...	940	30	7.6	2.6	13	3.1	31	6.0	15	.2
AUG										
19...	--	36	8.8	2.9	10	4.0	36	4.0	11	.2

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT									
19...	13	134	128	.13	.26	1.3	.40	.31	.30
DEC									
01...	11	124	106	.58	.08	<.10	.21	.10	.10
FEB									
18...	5.0	92	56	.36	.22	1.5	.22	.12	.11
APR									
01...	5.7	99	77	.53	.10	--	--	.16	.15
JUN									
16...	7.0	92	74	.40	.33	.90	.24	.10	.09
AUG									
19...	10	88	73	.24	.19	.60	.26	.14	.15

< Actual value is known to be less than the value shown.
E Estimated
K Results based on colony count outside the acceptable range (non-ideal count).

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	BARIUM, DIS-SOLVED (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO)	COBALT, DIS-SOLVED (UG/L AS CO)
OCT										
19...	3	2	200	80	<1	<1	<10	10	1	<1
FEB										
18...	2	1	100	64	<1	1	10	<10	<1	<1
APR										
01...	3	2	100	82	<1	<1	20	30	<1	<1
JUN										
16...	4	2	100	88	<1	<1	10	<10	8	<1

DATE	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)
OCT									
19...	11	6	680	220	13	4	200	150	.2
FEB									
18...	22	7	7600	260	11	<1	140	47	<.1
APR									
01...	7	7	3200	330	13	2	150	79	.2
JUN									
16...	17	18	3800	83	7	2	190	87	.1

DATE	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG)	SILVER, DIS-SOLVED (UG/L AS AG)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT									
19...	<.1	2	1	<1	<1	<1	<1	90	14
FEB									
18...	<.1	8	<1	<1	<1	<1	<1	10	16
APR									
01...	.2	2	2	<1	<1	<1	<1	30	19
JUN									
16...	.1	9	2	<1	<1	<1	<1	160	18

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
19...	106	--	44
DEC			
01...	90	115	76
FEB			
18...	246	5310	97
APR			
01...	89	--	96
JUN			
16...	76	--	92
AUG			
19...	61	35	82

< Actual value is known to be less than the value shown.

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	268	185	207	116	78	---	---	130	213	200	141
2	295	255	179	106	127	79	147	---	135	215	221	141
3	301	258	183	---	126	83	146	163	135	---	201	139
4	401	243	183	209	189	86	150	72	130	223	169	142
5	301	296	181	106	214	144	150	70	134	185	180	141
6	407	---	181	81	216	139	164	81	134	192	108	141
7	414	266	186	68	220	137	172	83	132	186	110	143
8	435	274	182	85	238	142	200	120	124	194	127	---
9	436	275	183	77	245	150	202	186	---	195	---	144
10	---	254	184	78	233	157	---	186	124	195	159	144
11	417	204	188	112	236	174	235	179	121	194	168	157
12	414	219	186	105	171	173	237	153	126	201	156	157
13	418	213	185	152	230	145	252	135	129	200	156	104
14	284	203	184	---	228	149	237	---	122	202	157	97
15	261	---	182	109	172	122	236	154	122	---	---	101
16	262	195	185	117	214	140	347	---	121	---	147	96
17	---	200	191	116	155	---	386	108	123	289	152	---
18	252	205	207	113	102	128	389	117	172	---	135	103
19	246	201	208	106	---	128	451	99	---	282	138	104
20	239	186	206	99	51	126	345	83	163	288	140	112
21	---	184	208	112	53	124	452	120	173	286	137	123
22	239	186	206	113	58	140	193	125	206	256	137	138
23	232	186	239	112	58	146	192	102	222	281	139	148
24	235	188	261	129	53	143	---	110	158	264	138	154
25	236	187	313	168	53	152	156	119	157	283	---	161
26	---	190	307	135	63	154	---	116	177	254	139	152
27	237	189	316	133	60	151	102	125	161	263	---	149
28	238	182	286	128	60	153	96	---	155	266	141	151
29	256	180	311	126	---	153	81	---	176	347	138	150
30	249	189	307	144	---	153	83	130	202	---	141	152
31	248	---	---	125	---	152	---	130	---	---	141	---

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	22.0	14.0	14.0	---	13.0	---	---	27.0	27.0	29.0	27.0
2	26.0	20.0	17.0	14.0	---	13.0	19.0	---	26.5	28.0	---	29.0
3	26.5	20.5	17.0	---	13.0	14.0	19.0	---	27.0	---	28.0	28.0
4	26.5	19.5	17.0	14.0	12.5	14.5	19.0	21.0	27.0	28.0	27.5	28.0
5	26.5	19.5	---	14.0	11.5	14.0	20.0	21.0	---	29.0	28.0	28.0
6	26.0	---	15.5	16.0	12.0	14.0	18.0	21.0	---	29.0	---	28.0
7	26.0	19.0	17.0	15.5	11.0	13.5	18.5	21.5	28.0	29.5	26.5	28.0
8	25.0	19.0	17.5	13.5	13.0	---	19.5	21.0	28.5	29.0	27.0	---
9	24.5	19.0	17.0	14.0	14.0	14.0	19.5	21.5	---	29.0	---	28.0
10	---	18.5	16.0	13.0	11.0	15.0	---	22.0	28.5	29.0	27.5	27.0
11	25.0	18.0	16.5	12.0	11.5	16.5	18.0	22.5	28.0	29.0	27.0	27.0
12	25.0	18.0	15.0	11.0	12.0	16.5	18.0	22.5	28.5	28.0	27.0	26.0
13	25.5	18.5	16.0	11.0	11.0	12.5	20.0	23.0	28.0	28.5	27.0	26.0
14	25.0	18.0	16.0	---	11.0	---	20.0	---	29.0	29.0	27.0	27.0
15	24.5	---	15.5	---	13.0	19.0	21.0	23.0	29.0	---	---	26.0
16	25.0	19.0	15.5	10.0	14.0	20.0	18.0	---	29.0	---	28.0	26.5
17	---	18.0	16.0	6.0	15.0	---	20.0	23.0	28.0	29.0	28.0	---
18	25.0	18.5	15.0	8.0	17.0	20.0	20.0	23.0	28.0	---	28.0	27.0
19	23.0	19.0	12.0	9.5	---	20.0	---	24.0	---	28.5	28.0	28.0
20	25.0	17.0	12.5	9.5	17.0	22.0	22.0	---	28.0	29.0	28.0	27.0
21	---	16.5	14.0	12.0	17.0	22.5	20.0	25.0	27.0	28.0	28.0	25.5
22	---	16.0	15.0	11.0	17.0	20.0	17.0	24.5	28.0	---	28.0	24.5
23	23.0	---	15.0	11.0	17.0	19.0	17.0	---	27.0	29.0	28.0	24.0
24	21.0	18.0	13.5	10.0	18.0	20.0	---	25.0	28.0	28.5	28.0	26.0
25	21.0	17.0	13.0	10.0	17.5	19.0	17.0	25.0	28.0	28.5	---	24.0
26	---	18.0	12.5	12.0	14.5	12.0	---	25.5	27.0	28.5	28.0	24.0
27	20.5	15.0	12.5	10.0	14.5	16.0	19.0	25.5	27.5	28.5	---	24.0
28	20.5	19.5	13.0	12.5	13.0	17.0	18.5	---	27.5	30.0	28.0	24.0
29	21.0	19.5	14.0	12.5	---	17.5	19.0	---	---	29.0	28.0	25.0
30	21.0	19.0	12.0	12.0	---	18.0	19.5	27.0	27.5	---	28.0	24.0
31	22.0	---	---	12.0	---	19.0	---	27.5	---	29.0	27.0	---

08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA

LOCATION.--Lat 30°04'12", long 92°52'43", in SE1/4SE1/4 sec.21, T.11 S., R.5 W., Jefferson Davis Parish, Hydrologic Unit 08080202, at bridge on State Highway 14, 12.9 mi (20.8 km) west of town of Lake Arthur, and 16.8 mi (27.0 km) upstream from Intracoastal Waterway.

DRAINAGE AREA.--299 mi^2 (774 km^2).

PERIOD OF RECORD.--Annual peaks, water years 1969-74, October 1974 to current year (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 7.00 ft (2.134 m) below National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Highways); prior to Oct. 1, 1974, nonrecording gage at same site at datum 0.85 ft (0.259 m) lower.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 12.72 ft (3.877 m) May 19, 1980; minimum, 7.25 ft (2.210 m) Mar. 18, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.73 ft (2.966 m) May 16; minimum, not determined.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.34	8.33	8.32	8.47	[illegible]	8.55	---	8.96	8.41	8.59	8.56	8.19
2	[illegible]	8.27	[illegible]	8.34	8.26	8.52	---	8.93	8.45	8.53	8.61	8.19
3	8.22	8.44	8.14	8.56	8.40	8.54	---	8.80	8.42	8.46	8.59	8.13
4	8.34	8.33	7.91	8.42	8.10	8.55	---	8.88	8.40	8.41	8.53	8.11
5	8.31	8.41	8.06	8.48	8.25	8.47	---	8.80	8.29	8.39	8.46	8.14
6	8.24	8.34	8.15	8.54	7.99	8.13	---	8.82	8.24	8.34	8.45	8.20
7	8.15	8.41	8.20	8.59	8.10	8.32	---	8.91	8.23	8.27	8.59	8.18
8	8.18	8.44	8.09	8.52	8.22	8.41	---	8.84	8.17	8.20	8.69	8.12
9	8.26	8.38	8.06	8.41	8.23	8.40	---	8.79	8.25	8.19	8.77	8.07
10	7.96	8.46	8.14	8.26	8.07	8.47	---	8.77	8.13	8.21	8.72	8.15
11	8.29	8.46	8.34	7.95	8.12	8.34	---	8.80	8.07	8.20	8.71	8.61
12	8.42	8.45	8.15	8.30	8.18	8.37	---	8.92	8.04	8.13	8.72	9.12
13	8.44	[illegible]	8.09	8.35	7.94	8.37	---	9.00	8.04	8.14	8.74	9.30
14	8.56	8.46	8.12	8.24	8.15	8.52	---	9.41	8.00	8.16	8.72	9.40
15	8.46	8.55	8.11	8.45	8.33	8.44	---	9.63	8.00	8.17	8.72	9.42
16	8.38	8.33	8.30	8.48	8.53	---	---	9.68	8.17	8.24	8.66	9.35
17	8.36	8.47	8.42	8.25	8.50	---	---	9.61	8.25	8.27	8.80	9.30
18	8.21	8.41	8.09	8.41	8.56	---	---	9.43	8.29	8.31	8.78	9.30
19	8.14	8.47	8.24	8.43	8.65	---	---	9.37	8.25	8.34	8.74	9.21
20	[illegible]	8.37	8.30	8.40	8.70	---	8.65	9.27	8.21	8.31	8.77	9.27
21	8.31	8.13	8.54	8.37	8.72	---	8.47	9.13	8.33	8.39	8.73	9.22
22	8.24	8.26	8.57	8.47	8.72	---	8.09	9.03	8.30	8.43	8.69	9.10
23	7.99	8.31	8.26	8.44	8.75	---	8.93	8.93	8.25	8.44	8.66	9.00
24	8.29	8.17	8.22	8.23	8.72	---	8.98	8.87	8.24	8.42	8.62	8.98
25	8.24	8.27	8.32	8.36	8.70	---	9.09	8.87	8.29	8.47	8.50	8.90
26	8.17	8.36	8.52	8.13	8.56	---	9.19	8.83	8.35	8.52	8.37	8.76
27	8.14	8.26	8.46	8.25	8.63	---	9.09	8.82	8.50	8.57	8.32	8.77
28	8.22	8.13	8.51	8.24	8.69	---	9.02	8.81	8.70	8.54	8.25	8.79
29	8.22	8.22	8.26	8.25	---	---	9.03	8.77	8.69	8.50	8.17	8.76
30	8.27	8.33	8.25	8.19	---	---	9.00	8.66	8.64	8.48	8.17	8.76
31	[illegible]	---	8.48	8.32	---	---	---	8.59	---	8.53	8.17	---
MAX	8.66	8.53	8.57	8.54	8.72	---	9.19	9.68	8.70	8.59	8.80	9.42
MIN	7.97	8.17	7.91	7.95	7.94	8.02	---	8.59	8.00	8.13	8.17	8.07

NOTE.--No gage-height record Mar. 16 to Apr. 19.

294528092155000 SCHOONER BAYOU (INLAND WATERWAY) WEST OF CONTROL STRUCTURE, NEAR FORKED ISLAND, LA

LOCATION.--Lat 29°45'28", long 92°15'50", T.15 S., R.2 E., Vermilion Parish, Hydrologic Unit 08080202, at southwest fender of structure and 5.4 mi (8.7 km) southeast of Forked Island.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1982 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to October 1978, December 1979 to September 1982 (discontinued).
CHLORIDE: October 1974 to October 1978, December 1979 to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey. Corps of Engineers station 76680.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.0°C July 19-24, 1980, July 19, 21, 23, 1981, June 20, July 12, 1982; minimum daily, 1.0°C Jan. 10, 1977.
CHLORIDE: Maximum daily, 6,300 mg/L Aug. 10, 1980; minimum daily, 10 mg/L Jan. 12, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 32.0°C June 20, July 12; minimum daily, 4.0°C Jan. 12, 16, Feb. 7.
CHLORIDE: Maximum daily, 3,100 mg/L Dec. 5 minimum daily, 48 mg/L Feb. 20.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.5	14.5	17.0	10.0	10.0	7.0	17.0	23.0	30.0	28.0	30.0	30.0
2	24.0	18.0	17.0	11.0	10.0	11.0	19.0	23.0	30.0	28.0	29.0	29.0
3	26.5	[illegible]	15.5	14.0	11.5	10.0	20.0	24.0	30.0	29.0	31.0	29.0
4	27.0	20.0	15.5	12.0	9.0	15.0	19.0	23.0	30.0	29.0	30.0	28.0
5	26.5	19.5	15.5	11.0	8.0	13.0	20.0	23.0	30.0	31.0	30.0	28.0
6	27.0	20.0	15.5	15.0	5.0	11.5	19.0	23.0	30.0	29.0	30.0	27.5
7	26.0	19.5	15.5	14.5	4.0	9.0	15.0	25.0	30.0	31.0	29.0	28.0
8	27.0	19.0	15.5	11.5	6.5	8.0	18.0	21.0	30.0	31.0	29.0	28.0
9	26.5	19.0	15.5	8.0	9.5	11.0	14.0	23.0	30.0	31.0	29.0	26.5
10	25.5	16.0	15.5	7.0	7.0	11.5	18.5	23.5	30.5	31.0	29.0	27.0
11	26.0	15.0	15.5	5.0	6.0	15.0	17.0	24.5	30.0	31.0	29.0	26.0
12	25.0	11.0	15.5	4.0	7.5	13.0	17.0	24.0	31.0	32.0	29.0	26.0
13	26.0	17.0	14.0	5.0	8.0	20.0	17.0	24.0	31.0	29.0	29.0	26.0
14	27.0	17.5	11.0	---	8.5	17.0	19.0	23.0	31.0	28.0	29.0	26.5
15	25.0	18.0	11.0	---	9.0	17.0	20.0	23.0	30.0	30.0	30.0	27.0
16	25.0	18.0	12.0	4.0	12.0	17.5	22.0	24.0	---	29.0	30.0	27.0
17	25.0	16.0	11.0	---	15.0	21.0	24.0	24.0	29.0	29.0	30.0	27.0
18	25.5	19.0	10.0	5.0	13.0	21.0	22.5	25.0	29.0	29.0	29.0	27.0
19	20.0	22.0	6.0	---	13.0	21.0	22.5	25.5	29.0	29.0	30.0	28.0
20	19.0	16.0	7.0	10.0	16.0	23.0	23.0	24.5	32.0	28.0	29.0	26.0
21	21.0	13.0	---	11.5	14.5	25.0	23.0	25.0	30.0	29.0	28.5	27.0
22	19.0	13.0	10.0	12.5	15.0	24.0	21.0	27.5	30.0	30.0	29.0	25.0
23	17.0	14.0	7.5	12.0	12.5	24.0	19.5	25.0	30.0	29.0	29.0	25.5
24	18.0	15.0	9.0	11.5	16.0	21.5	19.0	27.5	31.0	29.0	29.0	25.0
25	17.0	20.0	12.0	12.0	15.0	22.0	19.0	26.0	30.0	29.0	29.0	26.0
26	18.5	20.0	8.0	13.0	16.0	20.0	20.0	26.5	29.0	30.0	29.0	26.0
27	17.0	16.0	12.0	13.0	8.5	17.5	20.0	27.0	28.0	29.0	29.5	26.0
28	18.0	19.0	10.0	11.0	11.0	15.0	21.5	27.0	28.0	30.0	30.0	26.0
29	17.0	17.5	12.0	12.0	---	14.5	20.0	28.0	27.0	30.0	29.0	26.0
30	18.5	21.0	9.0	14.0	---	---	20.0	27.5	27.0	30.0	29.0	26.5
31	21.0	---	13.0	13.5	---	---	---	28.5	---	30.0	31.0	---

294528092155000 SCHOONER BAYOU (INLAND WATERWAY) WEST OF CONTROL STRUCTURE, NEAR FORKED ISLAND, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	960	3000	940	260	460	550	1600	120	410	140	460	150
2	1500	2200	750	---	160	390	1100	160	380	1300	890	650
3	1100	2500	660	270	120	150	900	420	370	290	420	620
4	1200	2100	2800	---	140	340	400	340	450	350	230	700
5	1900	2400	3100	240	200	120	1700	120	380	360	410	500
6	2100	1800	2100	240	520	86	240	300	390	380	400	890
7	2100	2100	2200	270	530	570	500	190	400	510	77	800
8	2100	1700	1800	600	930	540	1500	70	430	550	79	910
9	880	1200	1900	600	500	520	1100	220	440	490	55	900
10	1200	900	3000	600	440	180	360	88	450	620	79	490
11	1900	780	1200	520	260	98	810	62	510	820	81	410
12	780	760	1300	650	350	84	740	110	440	1600	110	320
13	2100	740	1200	260	210	330	1100	110	540	790	140	180
14	2600	700	970	620	510	210	300	670	440	720	69	210
15	2500	650	1200	500	490	260	650	130	570	690	230	160
16	300	650	700	290	220	330	1200	99	600	1100	120	67
17	400	630	1000	530	150	450	360	140	600	650	62	220
18	460	660	340	140	180	210	640	64	670	310	69	100
19	1300	510	590	380	72	600	200	64	440	1500	67	69
20	1400	700	570	91	48	190	740	140	460	1100	96	300
21	1200	710	480	380	180	130	320	110	460	1400	120	180
22	740	1800	440	370	180	1100	160	250	550	790	150	140
23	2100	740	400	140	170	930	99	96	600	810	360	260
24	1100	420	400	120	400	460	95	310	550	750	340	240
25	1000	740	340	340	82	600	56	390	690	1100	150	270
26	2500	2000	520	96	360	550	51	390	710	740	350	270
27	1600	500	200	80	560	590	340	370	620	1200	310	400
28	1100	490	460	810	570	1900	360	420	710	690	290	420
29	2200	720	---	480	---	1000	76	61	550	1200	310	220
30	2300	2400	---	920	---	---	80	52	540	530	310	240
31	1900	---	---	200	---	---	---	260	---	760	---	---

295223092501800 GRAND LAKE NORTHEAST OF CATFISH POINT CONTROL STRUCTURE NEAR GRAND CHENIERE, LA

LOCATION.--Lat 29°52'23", long 92°50'18", T.13 S., R.4 W., Cameron Parish, Hydrologic Unit 08080202, 7.7 mi (12.4 km) northeast of Grand Cheniere.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974-82 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey. Corps of Engineers station 96128.

WATER-QUALITY DATA, OCTOBER 1981 TO JULY 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT												
15...	1430	1600	7.2	26.5	15	55	<1.0	8.6	56	1.3	K10	K200
JAN												
28...	1220	1230	7.4	14.5	50	150	<1.0	11.6	75	.6	--	K10
APR												
12...	1445	635	7.5	17.0	60	200	<1.0	9.5	59	2.5	K80	K20
JUL												
20...	1430	20500	8.4	28.0	20	10	<1.0	6.8	330	7.6	K48	K16

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
OCT												
15...	160	13	27	250	9.4	41	56	420	76	.02	.02	.04
JAN												
28...	130	17	21	220	9.0	42	44	370	144	.29	.11	.40
APR												
12...	76	10	12	130	8.0	41	39	210	180	.40	.15	.55
JUL												
20...	2400	140	45	4300	150	102	900	8000	51	--	.02	<.10

DATE	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)
OCT												
15...	.63	.06	2	1	<10	<1	1	2	10	<1	20	7
JAN												
28...	.75	.14	2	1	<10	<1	<1	13	20	<1	13	8
APR												
12...	1.6	.23	3	2	10	<5	1	<1	20	<1	14	13
JUL												
20...	1.5	.14	2	1	<10	<10	8	2	20	<1	32	13

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT												
15...	19	5	2	.1	.1	5	1	<1	<1	70	14	7.5
JAN												
28...	52	5	2	<.1	<.1	4	6	<1	<1	80	13	11
APR												
12...	42	20	7	.3	.1	10	5	<1	<1	70	13	14
JUL												
20...	60	21	6	.6	.1	11	4	<1	<1	250	30	5.8

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

295223092501800 GRAND LAKE NORTHEAST OF CATFISH POINT CONTROL STRUCTURE NEAR GRAND CHENIERE, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO JULY 1982

DATE	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L)	PCB, TOTAL (UG/L)	NAPHTHALENES, POLYCHLOR, TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLORDANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DIAZINON, TOTAL (UG/L)
OCT											
15...	.00	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01
JAN											
28...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.01
APR											
12...	<.01	1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.01
JUL											
20...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	.08

DATE	DIELDRIN TOTAL (UG/L)	ENDOSULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALATHION, TOTAL (UG/L)	METHOXYCHLOR, TOTAL (UG/L)	METHYL PARATHION, TOTAL (UG/L)	METHYL TRITHION, TOTAL (UG/L)
OCT											
15...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN											
28...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR											
12...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL											
20...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARATHION, TOTAL (UG/L)	PERTHANE TOTAL (UG/L)	TOXAPHENE, TOTAL (UG/L)	TOTAL TRITHION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)
OCT											
15...	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01	<.01	7.09	<.100
JAN											
28...	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01	<.01	1.92	<.100
APR											
12...	<.01	<.01	<.10	<1	<.01	<.01	<.01	<.01	<.01	2.93	<.100
JUL											
20...	<.01	<.01	<.10	<1	<.01	.02	<.01	<.01	.01	8.70	<.100

< Actual value is known to be less than the value shown.

295600093053000 INTRACOASTAL WATERWAY AT GIBBSTOWN, LA (CE 76873)

LOCATION.--Lat 29°56'00", long 93°05'30", T.13 S., R.6 W., Cameron Parish, Hydrologic Unit 08080202, at State Highway 27 crossing at Gibbstown and at mile 220.0 (354.0 km).

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1982 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to October 1978, December 1979 to September 1982 (discontinued).
CHLORIDE: October 1974 to November 1978, December 1979 to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 33.0°C June 22, 26, 1982; minimum daily, 5.0°C Jan. 21, 1978.
CHLORIDE: Maximum daily, 4,300 mg/L Oct. 4, 1980; minimum daily, 10 mg/L May 19, 21, 23, 26, 27, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 33.0°C June 22, 26; minimum daily, 6.0°C Jan. 13.
CHLORIDE: Maximum daily, 1,700 mg/L Dec. 12; minimum daily, 30 mg/L Aug. 14, 17.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.5	26.5	---	14.0	14.0	14.0	17.0	21.0	26.0	---	26.0	29.0
2	28.0	26.0	---	11.0	13.0	16.0	17.0	19.0	27.0	---	28.0	29.0
3	28.5	27.0	---	13.0	12.0	18.0	17.0	20.0	25.0	---	27.0	26.0
4	28.5	27.5	---	15.0	11.0	13.0	17.0	19.0	28.0	27.0	26.0	28.0
5	27.5	28.0	---	12.0	14.0	16.0	17.0	17.0	24.0	25.0	29.0	29.0
6	27.5	26.5	---	14.0	12.0	15.5	17.0	21.0	29.0	26.0	27.0	23.0
7	28.0	26.0	---	10.0	10.0	15.0	16.5	21.0	28.0	24.0	28.0	22.0
8	27.0	26.0	---	12.0	13.0	15.0	17.0	18.0	---	22.0	28.0	24.0
9	29.0	24.5	15.0	10.0	10.0	16.0	17.0	19.0	31.0	25.0	27.0	23.0
10	28.5	25.5	12.0	11.0	11.0	16.5	17.5	20.0	---	26.0	30.0	25.0
11	29.0	25.0	15.0	9.0	9.0	16.5	17.5	22.0	32.0	28.0	28.0	27.0
12	29.5	23.0	11.0	7.0	12.0	17.0	17.5	23.0	---	25.0	24.0	26.0
13	28.5	24.0	14.0	6.0	10.0	20.0	17.0	21.0	28.0	23.0	26.0	28.0
14	29.0	26.0	16.0	10.0	11.0	20.0	20.0	24.0	30.0	26.0	22.0	29.0
15	29.5	24.0	16.0	12.0	12.0	20.0	18.0	26.0	29.0	24.0	28.0	27.0
16	28.5	22.0	14.0	14.0	14.0	19.5	21.0	20.0	29.0	22.0	26.0	26.0
17	29.0	20.0	10.0	12.0	12.0	16.0	22.0	18.0	30.0	21.0	28.0	27.0
18	29.0	23.0	9.0	11.0	14.0	19.5	25.0	21.0	29.0	23.0	26.0	28.0
19	26.5	21.0	8.0	12.0	15.0	17.0	23.0	25.0	28.0	25.0	28.0	30.0
20	26.5	19.0	11.0	11.0	14.0	17.5	20.0	22.0	30.0	27.0	22.0	27.0
21	27.5	22.0	14.0	12.0	16.0	18.0	19.0	20.0	32.0	---	25.0	28.0
22	27.5	25.0	12.0	10.0	15.0	18.0	24.0	23.0	33.0	---	23.0	30.0
23	23.0	23.0	11.0	11.0	16.0	18.0	21.0	24.0	31.0	---	27.0	29.0
24	26.0	20.0	10.0	14.0	13.0	19.0	23.0	20.0	29.0	---	29.0	27.0
25	---	24.0	12.0	12.0	15.0	19.0	25.0	26.0	31.0	---	28.0	26.0
26	---	22.0	14.0	10.0	12.0	19.0	21.0	23.0	33.0	24.0	26.0	28.0
27	27.5	20.0	15.0	11.0	14.0	20.5	23.0	25.0	31.0	22.0	27.0	29.0
28	27.5	23.0	17.0	13.0	13.0	20.0	20.0	26.0	29.0	25.0	29.0	27.0
29	27.0	21.0	11.0	12.0	---	20.5	22.0	28.0	31.0	26.0	28.0	30.0
30	27.0	22.0	12.0	10.0	---	19.0	21.0	27.0	32.0	25.0	25.0	28.0
31	27.0	---	12.0	11.0	---	19.5	---	29.0	---	24.0	26.0	---

295600093053000 INTRACOASTAL WATERWAY AT GIBBSTOWN, LA (CE 76873)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	690	420	---	440	460	160	300	110	70	110	54	48
2	700	390	---	590	300	100	160	100	70	100	56	53
3	720	400	---	570	260	97	180	110	78	96	54	54
4	700	370	---	560	260	96	150	97	70	110	61	48
5	380	380	---	570	270	270	290	90	64	94	65	52
6	360	400	---	420	270	270	300	84	79	90	56	50
7	340	400	---	350	270	270	290	91	60	62	56	50
8	340	380	---	450	260	270	160	84	62	61	58	49
9	330	400	320	420	260	270	160	94	63	100	52	48
10	340	380	450	410	270	270	180	86	130	100	54	45
11	360	400	440	400	260	270	290	83	120	99	56	48
12	360	400	1700	400	270	270	160	59	130	100	34	54
13	330	740	460	400	270	130	160	61	130	100	31	49
14	380	620	440	400	270	130	110	64	120	100	30	54
15	360	650	440	400	270	120	100	55	120	100	36	51
16	710	640	430	380	260	120	110	57	120	90	31	54
17	700	670	440	400	180	140	110	58	94	63	30	39
18	740	680	450	420	170	140	96	57	120	64	55	41
19	720	660	460	400	180	150	96	58	120	64	64	45
20	740	700	460	400	180	140	110	62	120	66	56	35
21	780	680	440	430	180	140	110	61	120	---	48	38
22	790	890	460	420	170	140	98	60	120	---	54	37
23	840	710	620	440	180	140	100	58	120	---	48	40
24	790	680	660	490	180	140	100	58	160	---	46	40
25	---	860	460	420	180	140	100	61	160	---	50	39
26	---	900	450	360	180	140	---	60	160	66	56	40
27	840	900	440	490	170	150	100	65	160	70	45	42
28	860	920	400	440	140	140	98	66	160	65	48	57
29	350	910	450	360	---	140	100	65	120	64	46	56
30	360	870	400	460	---	140	100	66	100	76	50	59
31	450	---	460	440	---	170	---	68	---	60	47	---

295148092510100 MERMENTAU RIVER NORTH OF CATFISH POINT CONTROL STRUCTURE, NEAR GRAND CHENIERE, LA

LOCATION.--Lat 29°51'48", long 92°51'01", T.14 S., R.5 W., Cameron Parish, Hydrologic Unit 08080202, on northwest fender of structure and 9.8 mi (15.8 km) northeast of Grand Cheniere.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1982 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to October 1978, December 1979 to September 1982 (discontinued).
CHLORIDE: October 1974 to October 1978, December 1979 to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey. Corps of Engineers station 70675.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 33.0°C July 25, 1981; minimum daily, 3.0°C Jan. 14, 1982.
CHLORIDE: Maximum daily, 13,000 mg/L May 22, 1981; minimum daily, 5.0 mg/L Apr. 8, 16, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 32.0°C July 10, 14, 22, Aug. 29; minimum daily, 3.0°C Jan. 14.
CHLORIDE: Maximum daily, 4,000 mg/L Sept. 6, 10; minimum daily, 64 mg/L May 12.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	22.5	21.0	---	12.5	11.0	22.0	24.0	29.0	29.0	---	30.0
2	28.0	19.0	17.5	---	12.0	11.5	22.0	24.0	29.0	28.0	30.0	30.0
3	27.0	18.0	17.5	---	12.5	13.0	21.0	25.0	30.0	30.0	30.0	30.0
4	26.0	19.5	17.5	---	11.5	16.0	19.5	25.0	30.0	30.0	29.0	29.0
5	27.0	22.0	16.0	13.5	11.0	17.0	20.0	25.0	29.0	30.0	30.0	28.0
6	26.5	20.0	16.0	16.0	10.0	14.0	21.0	25.0	30.5	30.0	31.0	28.0
7	27.0	22.0	15.0	18.5	7.0	11.0	16.5	24.0	29.5	30.0	30.0	28.0
8	27.0	19.0	17.0	11.0	9.0	10.0	18.0	23.0	29.0	31.0	28.0	29.0
9	24.5	19.0	17.0	10.0	12.5	13.5	18.0	23.0	29.0	30.0	29.0	27.0
10	25.5	19.0	15.0	10.5	9.0	15.0	16.0	24.0	20.0	32.0	30.0	28.0
11	25.5	16.5	14.5	5.0	9.0	17.0	15.0	25.0	28.0	30.0	30.0	27.0
12	26.0	16.5	17.0	5.0	11.0	19.0	16.0	25.0	30.0	31.0	30.0	27.0
13	28.0	16.0	12.5	5.5	10.0	20.0	18.0	24.0	30.0	30.0	29.0	28.0
14	27.0	18.0	14.0	3.0	11.0	22.5	21.0	25.0	30.0	32.0	29.0	29.0
15	26.0	18.0	11.5	5.0	11.5	22.0	23.0	25.0	30.0	31.0	30.0	29.0
16	26.0	19.5	12.5	7.0	15.5	23.0	23.5	25.5	31.0	30.0	30.0	---
17	26.5	19.5	14.0	5.0	14.0	23.0	23.0	26.0	29.0	31.0	29.0	---
18	25.5	20.0	11.0	6.0	16.0	24.0	22.0	26.5	29.5	30.0	30.0	30.0
19	21.0	21.0	8.0	10.0	16.0	24.0	24.5	26.0	29.5	30.0	---	---
20	21.0	17.5	7.0	12.0	17.0	25.0	24.5	26.5	30.0	30.0	30.0	---
21	21.0	16.0	9.0	16.0	16.0	25.0	---	26.5	30.0	27.0	30.0	---
22	21.0	15.5	13.0	17.5	16.0	25.0	19.5	27.0	30.0	32.0	---	23.0
23	21.0	16.0	13.0	18.0	17.0	20.0	17.0	28.0	30.0	31.0	30.0	22.0
24	18.0	18.0	13.0	14.0	18.0	20.0	18.5	28.0	30.0	---	30.0	---
25	17.0	18.5	---	14.0	18.5	21.0	19.5	27.0	31.0	30.0	30.0	---
26	20.0	20.0	12.0	12.5	14.0	17.0	20.0	28.0	29.0	30.0	30.0	23.0
27	17.0	22.0	---	11.5	11.0	15.0	20.0	28.0	29.0	31.0	---	24.0
28	16.0	20.5	---	14.0	11.0	11.0	21.0	28.5	28.0	31.0	31.0	24.0
29	17.0	21.5	---	15.0	---	13.0	22.5	28.5	27.0	---	32.0	25.0
30	17.0	23.0	---	17.0	---	19.0	23.0	28.5	29.0	30.0	31.0	25.0
31	21.0	---	---	16.0	---	19.0	---	28.5	---	30.0	---	---

295148092510100 MERMENTAU RIVER NORTH OF CATFISH POINT CONTROL STRUCTURE, NEAR GRAND CHENIERE, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	560	1800	520	---	360	92	330	160	94	160	---	130
2	550	820	520	---	250	86	260	160	100	140	280	290
3	540	780	520	---	340	95	260	160	110	120	130	1900
4	600	620	510	---	270	110	190	140	200	130	130	1800
5	600	1200	510	430	240	140	220	140	120	140	140	400
6	520	830	540	410	300	92	230	140	130	120	130	4000
7	530	710	540	420	260	90	190	120	120	120	160	440
8	530	720	550	430	210	130	190	140	120	120	130	1700
9	490	670	570	420	300	130	210	110	120	130	130	910
10	530	500	640	420	280	150	170	89	160	130	120	4000
11	530	530	620	400	310	180	200	87	220	130	120	2100
12	520	600	1500	350	280	170	190	64	200	130	120	980
13	500	610	1600	320	250	180	210	89	210	130	120	970
14	470	570	2100	380	240	190	200	140	210	150	100	290
15	440	720	540	360	260	200	200	130	150	470	97	410
16	440	1400	550	360	340	150	200	190	160	770	91	---
17	440	520	520	320	360	160	230	140	220	270	90	---
18	460	600	570	300	230	130	180	120	950	2100	90	290
19	490	510	540	290	260	140	200	96	890	620	---	---
20	480	540	460	340	280	130	240	96	3700	380	92	---
21	570	540	460	350	190	150	220	130	1200	350	110	---
22	440	530	510	380	180	120	160	130	1400	1900	---	150
23	500	530	500	380	150	100	170	120	720	2100	100	130
24	510	520	290	350	200	110	160	100	370	520	120	---
25	600	460	---	250	280	170	170	88	510	490	150	---
26	780	530	430	380	210	110	150	73	490	310	140	170
27	790	530	---	310	210	110	160	92	400	330	---	160
28	640	520	---	330	93	170	140	98	460	260	140	150
29	690	570	---	310	---	130	140	110	160	---	130	130
30	1100	530	---	320	---	170	150	91	160	160	130	150
31	1800	---	---	320	---	220	---	89	---	150	---	---

295146092510100 MERMENTAU RIVER SOUTH OF CATFISH POINT CONTROL STRUCTURE, NEAR GRAND CHENIERE, LA

LOCATION.--Lat 29°51'46", long 92°51'01", T.14 S., R.5 W., Cameron Parish, Hydrologic Unit 08080202, on southwest fender structure, 9.8 mi (15.8 km) northeast of Grand Cheniere.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1982 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to October 1978, December 1979 to September 1982 (discontinued).
CHLORIDE: October 1974 to October 1978, December 1979 to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey. Corps of Engineers station 70750.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 34.0°C July 12, 1981; minimum daily, 4.0°C Jan. 21, 22, 1978.
CHLORIDE: Maximum daily, 13,000 mg/L July 25, 1980, June 1, 1981; minimum daily, 8.0 mg/L Jan. 17, 21, 23, 1975.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	22.5	21.0	---	---	---	---		---	---	30.0	---
2	29.0	19.0	19.0	14.0	---	---	21.0		---	---	---	---
3	27.0	18.0	18.5	17.0	---	---	---		---	---	---	---
4	26.0	19.5	17.5	15.0	---	---	---		---	---	---	29.5
5	27.0	22.0	15.0	---	---	---	20.0		24.5	---	---	29.0
6	26.5	20.0	15.0	---	9.0	---	21.0		30.0	30.0	---	28.5
7	27.0	22.0	16.0	---	---	---	---		30.0	---	---	28.0
8	27.0	19.0	18.0	---	---	9.5	18.0		---	30.0	---	28.0
9	24.5	12.0	16.0	---	---	13.0	---		29.5	30.5	---	28.0
10	25.5	19.0	16.0	---	---	15.0	16.0		20.0	32.0	---	28.0
11	25.5	---	15.0	---	---	17.0	---		28.0	32.0	---	26.0
12	26.0	---	17.5	---	---	18.0	16.0		30.0	31.0	---	27.0
13	28.0	---	13.0	---	---	20.5	---		30.0	30.0	---	28.0
14	27.0	18.0	15.5	---	---	22.0	21.0		30.0	31.0	---	---
15	26.0	---	---	---	---	22.5	23.0		30.0	30.0	---	---
16	26.0	---	13.0	---	---	22.0	23.5		31.0	30.0	---	30.0
17	26.5	19.0	14.0	---	---	23.5	---		29.0	31.0	---	30.0
18	25.5	21.0	11.0	---	---	23.5	---		29.5	29.0	---	---
19	21.0	22.0	9.0	---	---	24.0	---		29.5	31.0	30.0	30.0
20	21.0	---	8.0	---	---	24.0	---		30.0	30.0	---	30.0
21	21.0	---	10.0	---	---	26.0	---		30.0	28.0	---	28.0
22	21.0	---	14.0	---	---	22.0	---		30.0	32.0	30.5	---
23	21.0	---	12.0	---	---	20.0	---		30.0	32.0	---	---
24	21.0	---	12.0	---	---	20.0	---		30.0	32.0	---	24.0
25	17.0	---	10.0	---	---	21.0	---		31.0	31.0	---	25.0
26	20.0	---	11.0	---	---	---	---		31.0	31.0	---	---
27	17.0	---	12.0	---	---	---	---		31.0	31.0	30.0	---
28	16.0	---	14.0	---	---	---	---		31.0	31.0	---	---
29	17.0	---	14.0	---	---	---	---		31.0	31.0	---	---
30	17.0	22.0	11.0	---	---	18.5	---		---	---	---	---
31	21.0	---	12.0	---	---	---	---		---	---	31.0	---

295146092510100 MERMENTAU RIVER SOUTH OF CATFISH POINT CONTROL STRUCTURE, NEAR GRAND CHENIERE, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	650	4500	510	---	---	---	---		---	---	170	---
2	660	6600	510	420	---	---	260		---	---	---	---
3	650	4500	510	460	---	---	---		---	---	---	---
4	590	5300	520	440	---	---	---		---	---	---	2500
5	600	5400	670	---	---	---	200		110	---	---	5700
6	550	5100	720	---	130	---	190		120	740	---	5200
7	520	5300	1500	---	---	---	---		120	---	---	4500
8	550	4600	1600	---	---	130	200		---	160	---	4200
9	500	4000	3400	---	---	140	---		120	130	---	4700
10	520	2800	2500	---	---	160	180		170	190	---	3800
11	520	---	2100	---	---	170	---		220	170	---	1000
12	520	---	2000	---	---	160	200		180	150	---	3100
13	460	---	3200	---	---	170	---		160	130	---	560
14	440	710	5200	---	---	190	200		150	130	---	---
15	440	---	---	---	---	180	200		150	180	---	---
16	440	---	6600	---	---	160	200		160	510	---	350
17	430	730	1200	---	---	160	---		180	730	---	280
18	490	690	910	---	---	120	---		2700	1200	---	---
19	470	720	510	---	---	130	---		3600	1800	93	200
20	470	---	470	---	---	140	---		3900	2500	---	150
21	470	---	450	---	---	120	---		3500	1700	---	160
22	460	---	530	---	---	140	---		3600	2200	99	---
23	3500	---	720	---	---	120	---		3700	280	---	---
24	3600	---	520	---	---	110	---		3800	2200	---	140
25	3700	---	510	---	---	170	---		4100	2000	---	210
26	770	---	450	---	---	---	---		4100	1200	---	---
27	4300	---	440	---	---	---	---		3300	1300	130	---
28	4800	---	450	---	---	---	---		2300	880	---	---
29	4500	---	460	---	---	---	---		3100	250	---	---
30	4600	680	440	---	---	170	---		---	---	---	---
31	3600	---	470	---	---	---	---		---	---	140	---

08016800 BEAR HEAD CREEK NEAR STARKS, LA

LOCATION.--Lat 30°19'59", long 93°37'44", in sec.30, T.8 S., R.12 W., Calcasieu Parish, Hydrologic Unit 08080205, near right bank on downstream side of bridge on State Highway 12, 2.4 mi (3.9 km) northeast of Starks, and 3.5 mi (5.6 km) downstream from Green Island Marsh Creek.

DRAINAGE AREA.--177 mi^2 (458 km^2).

PERIOD OF RECORD.--Annual maximums, water years 1954-56. March 1956 to current year.

REVISED RECORDS.--WSP 2122: 1958(M).

GAGE.--Water-stage recorder. Datum of gage is 16.34 ft (4.980 m) National Geodetic Vertical Datum of 1929. Oct. 13, 1953 to Mar. 8, 1956, crest-stage gage at site 100 ft (30 m) downstream at same datum.

REMARKS.--Records good. Records of water temperature for water year 1982 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--26 years, 229 ft^3/s (6.485 m^3/s), 17.57 in/yr (446 mm/yr), 165,900 acre-ft/yr (205 hm^3/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,200 ft^3/s (317 m^3/s) corrected, May 18, 1980, gage height, 17.70 ft(5.395 m); no flow at times most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,850 ft^3/s (52.4 m^3/s) Jan. 1, gage height, 13.98 ft (4.261 m); minimum, no flow many days.

CORRECTIONS.--Corrected figures of discharge, in cubic feet per second, for water year 1981, superseding figures published in WDR-LA-81-2, are given below:

Date	Discharge	Date	Discharge	Date	Discharge	Date	Discharge
Sept. 23	1.0	Sept. 25	.55	Sept. 27	.28	Sept. 29	.19
24	.70	26	.40	28	.22	30	.17

Month	Total
Sept. 1981	73.18

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.21	23	706	1720	131	134	193	202	8.2	34	15	.61
2	1.9	16	559	1420	195	130	267	46	5.4	32	10	.47
3	1.6	11	366	997	236	101	137	63	3.7	13	19	.34
4	.87	8.9	233	558	200	69	65	65	2.6	10	17	.23
5	.57	7.8	133	455	145	50	40	54	1.9	11	13	.12
6	.52	7.9	64	220	98	42	25	38	1.4	8.7	32	.06
7	.69	8.8	30	121	57	57	16	47	.93	6.0	24	.04
8	.59	12	24	74	49	73	12	23	.73	5.0	15	.02
9	.43	75	15	48	61	77	8.6	14	.36	2.4	15	.01
10	.35	165	11	34	81	76	8.5	12	.41	1.2	17	.00
11	2.8	299	8.3	24	106	65	12	10	.28	.49	26	.02
12	23	279	6.6	18	114	45	20	9.1	.35	.25	44	.03
13	14	175	5.5	117	100	33	25	138	1.5	.23	43	.02
14	11	84	59	222	77	26	22	494	1.2	32	35	.01
15	19	34	63	340	98	21	18	1590	.92	37	31	.00
16	79	23	67	347	137	19	16	1340	4.1	26	34	.00
17	107	15	78	307	753	17	58	975	23	11	68	.00
18	95	12	81	245	910	15	461	624	60	5.7	30	.00
19	111	9.2	85	162	875	13	1120	386	88	3.4	40	.00
20	83	7.2	76	96	811	12	1290	182	70	2.1	33	.00
21	31	5.7	80	65	816	10	1210	65	44	9.3	16	.00
22	14	4.7	82	52	789	9.6	1190	32	56	8.3	9.8	.00
23	11	4.0	80	47	576	9.2	1400	19	45	4.7	6.7	.00
24	7.8	3.7	85	40	268	14	1620	17	20	6.8	4.9	.00
25	8.6	3.6	74	34	160	33	1800	31	5.4	53	3.6	.00
26	29	3.5	56	30	69	35	1770	18	3.2	115	2.7	.00
27	107	3.5	38	25	100	49	1490	10	3.0	73	1.9	.00
28	176	3.0	23	20	122	309	1140	7.0	40	36	1.5	.00
29	197	153	15	18	---	633	777	8.8	46	19	1.1	.00
30	129	526	13	20	---	695	441	19	40	14	.98	.00
31	49	---	685	81	---	540	---	11	---	14	.73	---
TOTAL	1308.93	1988.3	3906.4	7787	8282	3422.8	16852.1	7085.9	688.22	694.45	636.74	1.98
MEAN	42.2	66.3	126	251	296	110	562	229	22.9	22.4	20.5	.066
MAX	197	526	706	1720	910	695	1800	1590	88	115	68	.61
MIN	.21	3.0	5.5	18	49	9.2	8.5	7.0	.28	.23	.73	.00
CFSM	.24	.37	.71	1.42	1.67	.62	3.18	1.29	.13	.13	.12	.000
IN.	.28	.42	.82	1.64	1.74	.72	3.54	1.49	.14	.15	.13	.00
AC-FT	2600	3940	7750	15450	16430	6790	33430	14050	1370	1370	1260	3.9

CAL YR 1981 TOTAL 50571.75 MEAN 139 MAX 2340 MIN .00 CFSM .79 IN 10.63 AC-FT 100300
WTR YR 1982 TOTAL 52653.38 MEAN 144 MAX 1800 MIN .00 CFSM .81 IN 11.07 AC-FT 104400

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08016800 BEAR HEAD CREEK NEAR STARKS, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.20	8.37	12.44	13.85	10.26	10.36	11.64	10.82	7.90	---	8.15	7.31
2	7.48	8.18	12.11	13.50	10.84	10.27	11.19	9.57	7.77	---	7.98	7.28
3	7.47	8.03	11.55	12.78	11.07	9.82	10.29	9.15	7.66	---	8.27	7.24
4	7.37	7.94	11.03	12.11	12.81	9.28	9.20	9.21	7.57	---	8.22	7.21
5	7.30	7.89	10.32	11.55	10.43	8.90	8.69	9.07	7.50	---	8.07	7.15
6	7.29	7.89	9.37	10.96	9.79	8.73	8.40	8.66	7.44	---	8.54	7.13
7	7.33	7.93	8.81	10.12	9.23	9.04	8.19	8.83	7.39	---	8.34	7.10
8	7.31	8.02	8.57	9.36	8.88	9.36	8.04	8.35	7.34	---	8.16	7.08
9	7.27	9.36	8.38	8.85	9.12	9.43	7.92	8.13	7.30	---	8.14	7.06
10	7.24	10.57	8.21	8.58	9.50	9.40	7.92	8.07	7.26	---	8.22	7.05
11	7.41	11.32	8.10	8.49	9.41	9.20	8.06	7.99	7.22	---	8.41	7.03
12	8.30	11.24	8.02	8.66	10.03	8.42	8.29	7.95	7.23	---	8.77	7.04
13	8.11	10.68	7.96	10.06	9.81	8.57	8.41	9.22	7.45	---	8.75	7.04
14	8.00	9.53	9.24	10.97	9.43	8.42	8.35	12.90	7.41	---	8.50	7.05
15	8.28	8.68	9.35	11.47	9.65	9.33	8.25	13.71	---	8.63	8.52	7.05
16	9.43	8.35	9.53	11.49	11.43	8.27	8.19	13.42	---	8.42	8.99	7.04
17	9.93	8.16	9.63	11.35	12.52	8.21	8.87	12.91	---	8.03	9.26	7.04
18	9.73	8.04	9.68	11.11	12.61	8.16	11.78	12.20	---	7.76	8.62	7.03
19	10.00	7.95	9.75	10.58	12.75	8.09	13.12	11.62	---	7.63	8.70	7.03
20	9.51	7.86	9.60	9.75	12.64	8.14	13.35	10.56	---	7.52	8.53	7.03
21	8.52	7.78	9.67	9.21	12.63	7.99	13.25	9.18	---	7.93	8.14	7.03
22	8.14	7.72	9.71	8.94	12.60	7.92	13.23	8.55	---	7.91	7.97	7.01
23	8.00	7.68	9.66	8.83	12.14	7.90	13.48	8.27	---	7.72	7.83	7.00
24	7.89	7.66	9.76	8.78	11.16	8.22	13.74	8.23	---	7.82	7.74	6.99
25	7.92	7.64	9.57	8.59	9.74	8.57	13.93	8.52	---	9.92	7.65	6.98
26	8.46	7.64	9.21	8.51	9.27	9.50	13.90	8.23	---	10.05	7.57	6.97
27	9.91	7.64	8.88	8.40	9.51	9.46	13.60	7.98	---	9.35	7.51	6.97
28	10.71	7.61	8.55	8.30	10.15	11.31	13.15	7.95	---	8.62	7.45	6.96
29	10.87	9.77	8.35	8.23	---	12.24	12.55	7.99	---	8.26	7.41	6.96
30	10.20	12.02	8.26	8.27	---	12.42	11.78	7.98	---	8.12	7.37	6.95
31	8.89	---	12.23	9.48	---	12.07	---	8.01	---	8.11	7.34	---
MAX	10.87	12.02	12.44	13.85	12.81	12.42	13.93	13.71	---	10.05	9.26	7.31
MIN	7.20	7.61	7.96	8.23	8.88	7.90	7.92	7.95	---	---	7.34	6.95

08017015 HOUSTON RIVER NEAR BUHLER, LA

LOCATION.--Lat 30°17'24", long 93°21'20", in SE1/4 sec.11, T.8 S., R.9 W., Louisiana Meridian, Calcasieu Parish, Hydrologic Unit 08080205, at bridge on State Highway 27, and 3.0 mi (4.8 km) south of Buhler.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1976 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT									
22...	1045	108	5.8	23.0	80	20	2.2	--	K120
NOV									
19...	1200	61	5.8	16.0	140	60	4.5	--	4600
DEC									
16...	1500	66	5.5	12.5	100	35	4.4	1.6	K65000
JAN									
07...	1015	65	4.5	14.5	80	5.0	5.4	.9	K35
FEB									
18...	1330	45	5.3	15.0	100	75	6.7	1.8	K770
MAR									
16...	1200	86	6.0	18.0	120	40	4.0	5.1	K93
APR									
14...	1000	65	5.9	19.0	140	45	2.8	1.8	K45
MAY									
17...	1400	28	5.2	22.5	60	20	5.7	.7	K60
JUN									
07...	1115	54	5.7	24.0	100	30	6.7	4.7	140
JUL									
09...	1010	95	5.7	27.5	120	30	4.3	3.1	K360
AUG									
05...	1030	146	6.2	28.0	60	20	5.6	1.7	K800
SEP									
13...	1115	105	5.9	27.0	70	15	3.5	3.2	100

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT									
22...	--	16	4.2	1.4	15	2.3	10	7.0	19
NOV									
19...	K31000	14	3.1	1.4	7.1	1.8	6	6.2	9.3
DEC									
16...	>50000	13	3.2	1.2	7.5	1.3	5	5.8	10
JAN									
07...	5300	9	2.1	.9	4.7	1.0	1	4.0	7.5
FEB									
18...	3100	10	2.5	.8	4.0	1.1	3	5.0	6.3
MAR									
16...	640	15	3.8	1.4	11	1.9	11	6.0	13
APR									
14...	680	11	2.8	.9	7.2	1.2	3	5.0	8.5
MAY									
17...	K45000	7	2.0	.4	2.6	.9	3	5.0	3.8
JUN									
07...	3500	11	3.1	.9	6.6	.9	7	4.0	7.6
JUL									
09...	3300	16	4.4	1.3	9.4	1.4	11	8.0	12
AUG									
05...	--	27	7.2	2.2	16	1.7	17	16	21
SEP									
13...	K140	18	4.8	1.5	12	2.3	12	6.0	17

> Actual value is known to be greater than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

08017015 HOUSTON RIVER NEAR BUHLER, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT								
22...	<.1	7.1	85	62	.12	.58	.14	--
NOV								
10...	<.1	7.6	73	41	.23	.71	.11	--
DEC								
16...	<.1	8.4	72	40	.14	4.6	.11	--
JAN								
07...	<.1	4.7	51	26	.09	.69	.04	14
FEB								
18...	.2	3.2	61	25	.11	.80	.03	--
MAR								
16...	<.1	8.2	82	51	.20	1.5	.13	--
APR								
08...	<.1	7.1	78	35	.14	.90	.11	15
MAY								
17...	<.1	1.9	30	19	.11	.60	.05	--
JUN								
07...	<.1	3.6	63	31	<.10	1.8	.10	--
JUL								
09...	.1	5.4	82	49	<.10	.80	.11	12
AUG								
05...	.1	5.5	89	80	<.10	.90	.10	--
SEP								
10...	.1	6.4	84	56	<.10	.90	.08	--

DATE	ARSENIC DIS-SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT-TOM MA-TERIAL (UG/G AS AS)	CADMIUM DIS-SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CD)	CHRO-MIUM, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, DIS-SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS FE)
OCT										
22...	1	<1	3	<1	9	<1	5	2	470	770
JAN										
07...	1	--	2	--	--	<1	7	--	330	--
APR										
08...	1	--	<1	--	--	<1	6	--	590	--
JUL										
09...	1	--	<1	--	--	<1	8	--	350	--

DATE	LEAD, DIS-SOLVED (UG/L AS PB)	LEAD, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY RECOV. FM BOT-TOM MA-TERIAL (UG/G AS HG)	ZINC, DIS-SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS ZN)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)
OCT										
22...	2	<10	110	34	<.1	<.01	23	6	<.01	<1
JAN										
07...	<1	--	130	--	<.1	--	19	--	--	--
APR										
08...	2	--	180	--	.1	--	21	--	--	--
JUL										
09...	3	--	160	--	<.1	--	13	--	--	--

< Actual value is known to be less than the value shown.

08017015 HOUSTON RIVER NEAR BUHLER, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	CHLOR-DANE, TOTAL (UG/L)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDE, TOTAL (UG/L)
OCT											
22...	<.10	1	<.1	<1.0	<.01	<.1	<.1	<1.0	<.01	<.1	<.01
APR											
08...	<.10	--	<.1	--	<.01	--	<.1	--	<.01	--	<.01

DATE	DDE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-AZINON, TOTAL (UG/L)	DI-AZINON, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-ELDRIN TOTAL (UG/L)	DI-ELDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDO-SULFAN, TOTAL (UG/L)	ENDO-SULFAN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT											
22...	<.1	<.01	<.1	.03	<.1	<.01	<.1	<.01	<.1	<.01	<.1
APR											
08...	--	<.01	--	.09	--	<.01	--	<.01	--	<.01	--

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	MALA-THION, TOTAL (UG/L)	MALA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
22...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
APR										
08...	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--

DATE	METH-OXY-CHLOR, TOTAL (UG/L)	METH-OXY-CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA-THION, TOTAL (UG/L)	METHYL PARA-THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI-THION, TOTAL (UG/L)	METHYL TRI-THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	PARA-THION, TOTAL (UG/L)	PARA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
22...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
APR										
08...	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--

DATE	PER-THANE TOTAL (UG/L)	PER-THANE IN BOTTOM MATERIL (UG/KG)	TOX-APHENE, TOTAL (UG/L)	TOXA-PHENE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TRI-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
22...	<.01	<.10	<.1	<1.0	<.01	<.1	.02	<.01	<.01	<.01
APR										
08...	<.10	--	<1	--	<.01	--	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

301513093130500 CALCASIEU RIVER EAST OF SALT WATER BARRIER, AT LAKE CHARLES, LA (CE 73472)

LOCATION.--Lat 30°15'13", long 93°13'05", T.9 S., R.8 W., Calcasieu Parish, Hydrologic Unit 08080206, in navigation channel on east side of structure, 1.8 mi (2.9 km) north of Lake Charles Post Office.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to 1982 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to October 1978, December 1979 to September 1982 (discontinued).
CHLORIDE: October 1974 to October 1978, December 1979 to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 31.5°C Aug. 10, 11, 1977; minimum daily, 6.0°C Jan. 22, 23, 1978.
CHLORIDE: Maximum daily, 12,000 mg/L Jan. 12, 1981; minimum daily, 4.4 mg/L May 7, 14, 1975.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 29.5°C July 24; minimum daily, 6.5°C Jan. 17.
CHLORIDE: Maximum daily, 7,700 mg/L Dec. 11; minimum daily, 9.5 mg/L May 5, 7.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.0	22.0	13.5	12.5	12.5	15.0	18.5	20.0	25.0	26.0	28.0	28.0
2	27.0	20.0	17.5	12.0	13.0	14.5	18.5	20.0	26.5	26.0	28.0	28.0
3	27.0	21.0	16.5	13.5	13.0	15.0	17.0	20.5	27.0	26.0	28.0	28.5
4	26.5	24.0	17.0	13.0	12.5	15.0	18.0	20.0	27.0	27.0	28.5	29.0
5	27.0	20.0	17.0	13.0	12.0	15.0	19.5	20.5	27.0	28.0	29.0	29.0
6	27.0	20.0	17.0	16.0	12.0	13.0	18.0	22.0	28.0	27.0	29.0	29.0
7	27.0	20.0	17.0	15.0	12.0	13.0	18.0	21.5	27.5	27.0	28.0	28.0
8	26.0	20.0	17.0	12.5	12.0	13.5	19.0	20.5	28.0	27.0	29.0	28.5
9	26.0	19.0	17.0	13.0	13.0	14.0	18.5	21.0	28.5	28.0	28.0	28.0
10	26.0	19.0	17.0	13.0	12.0	15.0	18.0	22.0	28.0	28.0	28.0	28.0
11	26.0	19.0	17.5	---	12.0	15.0	18.0	22.0	28.0	28.0	29.0	28.0
12	26.0	19.0	16.0	10.5	13.0	15.5	17.0	22.0	28.0	28.0	28.5	27.0
13	26.5	18.0	16.0	11.0	12.0	16.0	19.0	22.0	28.0	24.0	28.0	27.0
14	26.0	18.0	18.0	9.0	12.0	17.0	19.5	21.0	28.0	28.0	28.0	27.0
15	26.0	18.0	14.5	9.0	12.0	17.0	20.0	21.0	28.0	28.0	28.0	28.0
16	26.0	18.5	16.0	9.0	13.0	17.0	21.0	22.5	28.0	28.0	28.0	28.0
17	26.0	18.5	15.0	6.5	14.0	18.0	21.0	22.5	26.5	28.0	28.0	28.0
18	26.0	19.0	13.5	8.0	16.0	18.0	20.5	22.5	26.0	28.0	28.0	28.0
19	24.0	19.0	13.5	9.0	16.5	18.5	20.5	23.0	27.5	28.0	29.0	28.0
20	24.0	17.0	12.0	11.5	16.0	18.0	21.0	24.0	25.0	28.0	28.0	28.0
21	24.0	19.5	14.0	8.5	12.5	20.0	25.0	24.0	27.0	29.0	29.0	27.0
22	24.0	17.5	16.0	12.0	16.0	19.0	27.0	24.0	27.0	29.0	29.0	26.0
23	24.0	17.5	14.0	11.0	16.0	20.0	18.5	24.0	27.0	29.0	29.0	25.0
24	21.0	18.0	14.0	11.0	17.0	20.0	27.0	24.5	27.0	29.5	29.0	25.0
25	23.0	18.0	13.0	12.0	17.0	20.0	16.5	24.0	27.0	29.0	29.0	27.0
26	23.0	19.0	13.5	12.0	15.0	19.5	27.5	25.0	27.0	29.0	28.0	25.0
27	23.0	19.5	12.5	13.0	16.0	18.0	17.0	25.0	26.0	29.0	28.0	25.0
28	22.0	19.0	14.0	12.0	14.0	16.0	18.5	25.0	26.0	28.5	28.0	26.0
29	22.0	19.0	13.5	12.5	---	16.5	19.0	26.5	26.0	26.0	28.0	28.0
30	22.0	20.0	---	13.0	---	16.5	19.5	25.0	26.0	28.0	28.0	26.0
31	22.0	---	13.5	12.5	---	16.5	---	25.0	---	28.5	28.0	---

301513093130500 CALCASIEU RIVER EAST OF SALT WATER BARRIER AT LAKE CHARLES, LA (CE 73472)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3200	2300	2100	480	240	26	450	16	66	26	64	200
2	3500	2100	770	54	130	24	480	16	70	28	53	510
3	3100	1800	670	56	620	78	290	14	41	23	65	630
4	4200	2000	460	43	86	54	150	14	470	16	74	380
5	4000	2400	420	43	66	52	190	9.5	350	17	100	520
6	3500	2000	960	35	36	44	140	12	390	20	77	630
7	2900	1800	540	37	64	37	150	9.5	380	20	60	790
8	3000	2200	1100	41	34	38	130	16	550	110	68	340
9	3000	2300	5300	51	66	34	120	23	500	39	120	1700
10	3100	1500	1200	51	78	35	100	22	630	30	67	2200
11	1700	1200	7700	62	60	31	160	34	740	26	63	3000
12	2900	970	3200	72	76	31	110	32	770	31	64	5900
13	2700	780	1300	46	100	26	110	94	770	30	65	2200
14	2600	910	3900	53	87	30	110	56	800	45	89	710
15	2800	820	790	50	66	32	120	24	1200	35	90	650
16	3100	630	780	53	170	26	520	17	1400	540	73	700
17	2500	820	630	46	24	38	510	12	720	410	54	460
18	2000	600	670	55	20	23	95	12	360	220	49	490
19	1500	710	660	43	17	22	110	14	270	78	76	410
20	1200	730	670	56	16	58	110	13	140	260	4700	460
21	2300	3000	1200	51	16	46	42	28	84	140	370	320
22	3100	3000	1900	43	59	46	40	27	310	110	88	420
23	1300	3300	780	52	12	43	24	14	42	91	53	440
24	1100	2200	900	31	64	460	22	15	150	72	150	6700
25	2000	2200	920	560	22	390	39	14	42	75	200	300
26	2400	3600	750	36	24	55	12	15	53	52	190	380
27	2400	1900	420	46	24	66	18	26	130	42	500	310
28	2600	1900	930	48	25	110	16	30	74	75	410	380
29	2500	1900	860	46	---	260	12	34	76	54	330	640
30	2900	1900	520	64	---	300	12	60	86	42	680	600
31	2700	---	560	260	---	280	---	61	---	79	740	---

301513093130600 CALCASIEU RIVER WEST OF SALT WATER BARRIER, AT LAKE CHARLES, LA (CE 73473)

LOCATION.--Lat 30°15'13", long 93°13'06", T.9 S., R.8 W., Calcasieu Parish, Hydrologic Unit 08080206, in navigation channel on west side of structure, 1.8 mi (2.9 km) north of Lake Charles Post Office.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to 1982 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to October 1978, December 1979 to September 1982 (discontinued).
CHLORIDE: October 1974 to October 1978, December 1979 to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 31.0°C Aug. 10, 11, 1977; minimum daily, 6.0°C Jan. 22, 1978.
CHLORIDE: Maximum daily, 17,000 mg/L Oct. 6, 1975; minimum daily, 4.2 mg/L Dec. 19, 1977.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 29.5°C July 24; minimum daily, 6.5°C Jan. 17.
CHLORIDE: Maximum daily, 12,000 mg/L Nov. 9, Dec. 10-12, 14, 21, Sept. 11; minimum daily, 14 mg/L May 1, 19.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.0	22.0	19.0	12.5	12.5	15.0	18.5	20.0	25.0	26.0	28.0	28.0
2	27.0	20.0	17.5	12.0	13.0	14.5	18.5	20.0	26.5	26.0	28.0	28.0
3	27.0	21.0	17.0	13.5	13.0	15.0	17.0	20.5	27.0	26.0	28.0	28.5
4	26.5	24.0	17.0	13.0	12.5	15.0	18.0	20.0	27.0	27.0	28.5	29.0
5	27.0	20.0	17.0	13.0	12.0	15.0	19.5	20.5	27.0	28.0	29.0	29.0
6	27.0	20.0	17.0	16.0	12.0	13.0	18.0	22.0	28.0	27.0	29.0	29.0
7	27.0	20.0	17.0	15.0	12.0	13.0	18.0	21.5	27.5	27.0	28.0	28.0
8	26.0	20.0	17.0	12.5	12.0	13.5	19.0	20.5	28.0	27.0	29.0	28.5
9	26.0	19.0	17.0	13.0	13.0	14.0	18.5	21.0	28.5	28.0	28.0	28.0
10	26.0	19.0	17.0	13.0	12.0	15.0	18.0	22.0	28.0	28.0	28.0	28.0
11	26.0	19.0	18.0	---	12.0	15.0	18.0	22.0	28.0	28.0	29.0	28.0
12	26.0	19.0	16.0	10.5	13.0	15.5	17.0	22.0	28.0	28.0	28.5	27.0
13	26.5	18.0	16.0	11.0	12.0	16.0	19.0	22.0	28.0	24.0	26.0	27.0
14	26.0	18.0	18.0	9.0	12.0	17.0	19.5	21.0	28.0	28.0	28.0	27.0
15	26.0	18.5	14.5	9.0	12.0	17.0	20.0	21.0	28.0	28.0	28.0	28.0
16	26.0	18.5	16.0	9.0	13.0	17.0	21.0	22.5	28.0	28.0	28.0	28.0
17	26.0	19.0	15.0	6.5	14.0	18.0	21.0	22.5	26.5	28.0	28.0	28.0
18	26.0	19.0	13.5	8.0	16.0	18.0	20.5	22.5	26.0	28.0	28.0	28.0
19	24.0	19.0	13.5	9.0	16.5	18.5	20.5	23.0	27.5	28.0	29.0	28.0
20	24.0	17.0	12.0	11.5	16.0	18.0	21.0	24.0	25.0	28.0	28.0	28.0
21	24.0	19.5	14.0	8.5	15.5	20.0	25.0	24.0	27.0	29.0	29.0	27.0
22	24.0	17.5	16.0	12.0	16.0	19.0	27.0	24.0	27.0	29.0	29.0	26.0
23	24.0	18.0	14.0	11.0	16.0	20.0	18.5	24.0	27.0	29.0	29.0	25.0
24	21.0	18.0	14.0	11.0	17.0	20.0	27.0	24.5	27.0	29.5	29.0	25.0
25	23.0	18.0	13.0	12.0	17.0	20.0	16.5	24.0	27.0	29.0	29.0	27.0
26	23.0	18.0	13.5	12.0	15.0	19.5	27.5	25.0	27.0	29.0	28.0	25.0
27	23.0	18.0	12.5	13.0	16.0	18.0	17.0	25.0	26.0	29.0	28.0	25.0
28	22.0	18.0	14.0	12.0	14.0	16.0	18.5	25.0	26.0	28.5	28.0	26.0
29	22.0	18.0	13.5	12.5	---	16.5	19.0	26.5	26.0	26.0	28.0	28.0
30	22.0	18.0	---	13.0	---	18.5	19.5	25.0	26.0	28.0	28.0	26.0
31	22.0	---	13.5	12.5	---	17.0	---	25.0	---	28.5	28.0	---

301513093130600 CALCASIEU RIVER WEST OF SALT WATER BARRIER AT LAKE CHARLES, LA (CE 73473)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9400	11000	8400	2200	3300	2400	410	14	290	180	2900	8100
2	9400	10000	2900	270	6500	2900	2000	21	430	1200	1500	9000
3	9300	11000	8900	89	7300	2300	1800	200	1200	900	2000	10000
4	9300	9700	6300	630	4800	1700	1700	180	1900	500	2500	9900
5	3500	10000	6200	920	7100	1900	3900	250	2000	240	5300	10000
6	9300	10000	9100	260	6300	3000	2800	110	1400	1000	6500	10000
7	8500	11000	9100	3100	6800	3900	2900	99	1400	1200	8400	11000
8	7200	10000	9900	5300	9900	3900	2000	37	2100	1400	8300	10000
9	6500	12000	10000	6300	7500	3000	4400	24	3300	2800	7200	11000
10	9000	7000	12000	6600	8400	3100	4100	250	3800	4000	3200	10000
11	4500	8600	12000	7500	9900	3500	4800	470	3400	3800	3400	12000
12	8800	9700	12000	4400	7300	2300	4400	550	3200	3400	4200	6000
13	9100	8600	11000	4000	7000	460	2500	900	4000	5200	4200	3300
14	8400	10000	12000	2800	7600	2000	2000	320	3800	7700	72	2200
15	7400	11000	11000	3400	10000	1600	2200	16	4500	8000	160	2500
16	7000	11000	7800	2800	2800	1500	200	32	4600	8800	45	4100
17	7200	10000	8600	6800	500	1400	1700	42	3000	7700	1100	3700
18	5100	9900	8100	6000	180	2100	420	43	1800	3700	300	3900
19	4600	7300	8400	7200	200	1600	790	14	2000	6200	10000	4300
20	6400	5200	10000	7400	130	1200	880	26	1600	5700	5000	4600
21	8500	9800	12000	7400	110	1100	200	23	2100	5100	8100	4900
22	8400	11000	9800	3600	170	360	210	27	2600	4000	8000	3000
23	9100	11000	9600	3500	610	3600	160	38	2200	4000	6700	5500
24	10000	11000	1100	3200	62	4400	66	32	3400	4100	5200	6900
25	10000	11000	11000	6500	230	4900	26	24	4600	4300	4300	7200
26	10000	10000	10000	7200	960	3200	20	20	4400	4400	4600	4800
27	9100	9100	11000	8000	1500	5000	15	86	2400	3600	5300	8000
28	10000	9500	11000	8000	2200	6300	15	250	2000	3400	5500	8000
29	11000	10000	10000	8800	---	590	26	87	1300	3700	5300	8000
30	11000	11000	8200	7800	---	5900	18	240	1100	3700	6700	8900
31	11000	---	8800	5000	---	4900	---	240	---	2700	8000	---

301425093145000 CALCASIEU RIVER, AT MILE 36.0, AT WESTLAKE, LA (CE 73535)

LOCATION.--Lat 30°14'25", long 93°14'50", in NW 1/4 sec.36, T.9 S., R.9 W., Cameron Parish, Hydrologic Unit 08080206, at Kansas City Southern Railroad bridge, at mile 36.0 (57.9 km).

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975-76, 1980, January to September 1982 (discontinued).

PERIOD OF DAILY RECORD.--January to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.0°C June 17, July 25, 1982; minimum daily, 5.0°C Feb. 10, 1982.
CHLORIDE-SURFACE: Maximum daily, 8,100 mg/L Sept. 11, 1982; minimum daily, 31 mg/L Apr. 27, 30, 1982.
CHLORIDE-15 FT DEPTH: Maximum daily, 12,000 mg/L Feb. 8, 11, 14, 15, July 14-16, Aug. 7, 8, Sept. 2, 4, 6, 10, 1982; minimum daily, 31 mg/L Apr. 27 1982.
CHLORIDE-25 FT DEPTH: Maximum daily, 14,000 mg/L July 14-17, Aug. 6-9, 12, 1982; minimum daily, 31 mg/L May 18, 1982.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				---	10.0	14.0	20.0	20.0	27.0	27.0	---	30.0
2				---	11.0	14.0	20.0	21.0	29.0	28.0	---	30.0
3				---	11.0	15.0	20.0	21.0	29.0	29.0	---	30.0
4				---	9.0	18.0	18.0	22.0	29.0	28.0	---	28.0
5				---	11.0	16.0	20.0	23.0	30.0	29.0	---	28.0
6				---	9.0	15.0	19.0	23.0	30.0	29.0	---	29.0
7				---	10.0	13.0	19.0	22.0	30.0	29.0	---	29.0
8				---	11.0	17.0	20.0	21.0	30.0	29.0	---	29.0
9				---	12.0	15.0	19.0	22.0	30.0	29.0	---	29.0
10				---	5.0	15.0	17.0	22.0	30.0	29.0	---	29.0
11				---	10.0	16.0	18.0	23.0	31.0	29.0	---	27.0
12				---	10.0	18.0	19.0	23.0	31.0	29.0	29.0	28.0
13				---	10.0	18.0	20.0	24.0	30.0	28.0	28.0	28.0
14				---	11.0	17.0	20.0	22.0	29.0	29.0	28.0	28.0
15				---	12.0	18.0	21.0	22.0	30.0	29.0	28.0	29.0
16				---	15.0	18.0	23.0	23.0	30.0	29.0	28.0	29.0
17				---	15.0	18.0	22.0	23.0	32.0	29.0	28.0	28.0
18				---	17.0	20.0	22.0	23.0	31.0	30.0	28.0	29.0
19				---	16.0	24.0	21.0	23.0	31.0	30.0	28.0	27.0
20				---	16.0	24.0	20.0	24.0	28.0	30.0	28.0	27.0
21				---	15.0	17.0	22.0	24.0	28.0	30.0	28.0	27.0
22				---	16.0	18.0	20.0	25.0	29.0	30.0	28.0	26.0
23				---	16.0	20.0	19.0	26.0	29.0	30.0	29.0	26.0
24				---	17.0	20.0	18.0	27.0	30.0	29.0	29.0	26.0
25				---	16.0	22.0	18.0	27.0	29.0	32.0	29.0	26.0
26				---	12.0	20.0	18.0	27.0	29.0	30.0	29.0	25.0
27				11.0	8.0	18.0	19.0	29.0	28.0	30.0	30.0	27.0
28				13.0	12.0	17.0	19.0	30.0	27.0	28.0	30.0	27.0
29				13.0	---	18.0	20.0	28.0	28.0	28.0	29.0	27.0
30				16.0	---	18.0	20.0	29.0	27.0	---	30.0	26.0
31				12.0	---	18.0	---	28.0	---	---	30.0	---

301425093145000 CALCASIEU RIVER, AT MILE 36.0, AT WESTLAKE, LA (CE 73535)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
SAMPLING DEPTH 5.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				---	3000	1800	1200	52	410	1200	1500	5100
2				---	2700	2100	1200	79	480	980	1300	6300
3				---	3200	1500	1300	160	1000	---	1800	3900
4				---	3200	1100	980	390	1100	1000	2100	3700
5				---	3900	890	2000	320	910	960	3100	4100
6				---	5100	1700	1900	320	980	1300	3100	7900
7				---	5700	3500	2200	150	1500	980	2800	4800
8				---	6800	1700	2100	110	1500	1700	3000	6400
9				---	5200	1900	2700	91	1500	1500	2000	7400
10				---	6900	2400	3000	130	3000	1500	2400	7900
11				---	5800	2000	4000	240	1900	1300	2000	8100
12				---	4200	2200	2900	320	2000	1300	1400	3300
13				---	4600	1800	2300	420	1900	1200	2200	3000
14				---	4800	990	1700	400	1800	2700	3400	1800
15				---	4300	---	1400	150	2700	2200	1400	1500
16				---	1200	1100	1300	42	3200	2700	1700	1900
17				---	570	1000	1100	41	2200	3700	1600	2000
18				---	410	1100	610	32	1500	2500	3100	2600
19				---	220	1300	590	41	1600	4500	2600	1400
20				---	190	1600	710	---	1600	4300	2900	1300
21				---	230	780	---	41	1800	3600	2700	2100
22				---	270	1400	---	---	1400	3600	1600	3500
23				---	490	1900	390	58	1700	3000	3000	2700
24				---	330	3500	51	---	1700	3000	2600	3400
25				---	270	3000	42	62	2100	2700	2900	2700
26				---	710	3600	38	91	2900	2400	2500	2400
27				3300	1300	3000	31	110	1900	1700	3400	3700
28				5800	2100	1900	41	180	1800	2200	2400	3400
29				3600	---	2900	32	210	1300	2600	4400	3600
30				3500	---	1900	31	190	1000	3000	5100	4600
31				4800	---	1200	---	290	---	2300	4700	---

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
SAMPLING DEPTH 15.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				---	6000	2800	1900	55	1300	1400	7100	11000
2				---	8200	3600	4600	82	2900	1400	8600	12000
3				---	3900	2600	3400	210	3500	---	9000	11000
4				---	3800	3500	4700	850	3300	2900	9200	12000
5				---	10000	3000	5400	660	2400	3400	10000	---
6				---	10000	7500	4400	430	3800	4900	11000	12000
7				---	8400	6600	6100	160	5300	4600	12000	11000
8				---	12000	7100	6800	170	5400	3400	12000	11000
9				---	11000	6300	6400	100	5500	7400	11000	11000
10				---	11000	7700	8100	400	4300	8600	3800	12000
11				---	12000	7400	7300	870	6200	9200	9000	10000
12				---	11000	5600	7400	1500	6100	9700	9600	7800
13				---	11000	5400	5200	570	5600	9800	8800	5800
14				---	12000	4900	4400	420	5500	12000	7200	3800
15				---	12000	3700	5600	260	6900	12000	6200	5700
16				---	1700	3700	3900	42	5700	12000	4500	4300
17				---	660	4600	4400	41	5300	11000	8400	4000
18				---	510	4400	680	36	3800	10000	6200	6100
19				---	240	4400	820	50	2600	7600	11000	6500
20				---	250	3000	760	51	5100	8700	11000	6400
21				---	310	2400	300	32	6200	8800	11000	3100
22				---	350	4300	320	44	5400	8500	1700	7100
23				---	660	5100	430	53	7200	8300	11000	8100
24				---	540	5900	58	54	6600	8700	7600	7300
25				---	320	6100	89	86	8000	8100	7100	8300
26				---	1000	5800	42	110	9100	8500	7300	8200
27				9200	4700	7100	31	420	2300	6800	7100	8900
28				9900	4600	7200	41	390	2100	7700	7100	8800
29				10000	---	7400	37	210	1600	8500	8300	9300
30				9800	---	6600	39	390	1400	8600	9900	9400
31				6700	---	1800	---	670	---	7600	11000	---

301425093145000 CALCASIEU RIVER, AT MILE 36.0, AT WESTLAKE, LA (CE 73535)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
SAMPLING DEPTH 25.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				---	11000	8600	9200	55	5000	9100	12000	13000
2				---	10000	7800	8700	440	5700	10000	12000	12000
3				---	7700	8400	7100	820	6100	9400	12000	13000
4				---	11000	7800	2200	6000	7000	10000	12000	13000
5				---	13000	8300	7900	4100	7200	10000	13000	4200
6				---	13000	9300	7800	3600	8100	9900	14000	13000
7				---	13000	9600	7500	590	8500	10000	14000	12000
8				---	13000	9900	8100	350	8700	11000	14000	13000
9				---	13000	9800	8500	2100	8500	9600	14000	12000
10				---	13000	9900	8300	3300	9400	11000	7600	12000
11				---	12000	10000	9100	4500	9200	11000	13000	11000
12				---	13000	10000	8900	5500	9200	12000	14000	10000
13				---	12000	9800	8200	4600	9000	13000	13000	9700
14				---	13000	9800	7500	480	5200	14000	9900	9100
15				---	13000	7500	7700	290	8500	14000	12000	8800
16				---	2300	6800	7800	44	7800	14000	12000	8600
17				---	1600	6600	6400	41	7000	14000	12000	8500
18				---	2000	6300	1400	31	7800	11000	12000	8400
19				---	920	5900	6900	51	9000	8900	13000	8100
20				---	4500	5300	2100	51	9500	12000	13000	8000
21				---	4400	5400	4900	38	9500	12000	13000	8400
22				---	5800	5800	5500	49	9800	12000	1700	8800
23				---	7400	6300	4000	52	10000	---	12000	9000
24				---	6300	6700	160	56	10000	11000	12000	8500
25				---	5400	7000	170	1300	10000	11000	11000	9500
26				---	9900	7700	63	240	11000	10000	9600	9100
27				12000	8300	7900	37	5200	11000	10000	11000	9400
28				11000	8600	8000	35	3100	10000	9400	11000	9600
29				12000	---	8700	33	2700	9700	9800	11000	9900
30				11000	---	8100	47	5200	8800	11000	12000	9700
31				9900	---	8500	---	3400	---	12000	12000	---

300514093172800 INTRACOASTAL WATERWAY AT CALCASIEU LOCK, NEAR GRAND LAKE, LA (CE 76880)

LOCATION.--Lat 30°05'14", long 93°17'28", T.11 S., R.9 W., Calcasieu Parish, Hydrologic Unit 08090206, 4.1 mi (6.6 km) north of Grand Lake.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975-78, 1980-82 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to October 1978, December 1979 to September 1982 (discontinued).
CHLORIDE: October 1974 to October 1978, December 1979 to September 1982 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 33.0°C July 3, 1977, Aug. 27, 1982; minimum daily, 4.5°C Jan. 20, 21, 1978.
CHLORIDE: Maximum daily, 13,000 mg/L Nov. 14, 1980; minimum daily, 20 mg/L Aug. 10, 1975, May 31, June 3, 4, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 33.0°C Aug. 27; minimum daily, 6.0°C Jan. 15.
CHLORIDE: Maximum daily, 12,000 mg/L Dec. 7, 12; minimum daily, 67 mg/L Aug. 19.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.5	20.0	19.5	12.5	16.0	11.0	18.0	23.0	25.5	28.0	29.0	29.0
2	26.5	19.0	18.5	13.0	13.5	13.0	20.5	22.5	28.0	28.0	29.0	30.0
3	26.0	19.0	17.5	16.0	13.0	13.5	21.0	23.5	28.5	30.0	29.0	29.0
4	26.0	20.0	17.5	15.0	12.0	15.0	18.0	24.0	28.5	30.0	30.0	29.0
5	27.0	20.0	16.5	13.0	12.5	16.0	21.0	25.0	28.5	30.0	30.0	28.0
6	27.0	20.0	16.0	15.5	12.0	16.0	19.5	24.5	29.5	30.0	30.0	28.0
7	27.0	20.0	17.0	16.5	10.0	13.5	18.0	23.5	29.5	30.0	30.0	27.0
8	27.0	20.0	17.5	14.0	10.5	23.5	19.0	23.0	29.5	29.0	29.0	28.0
9	27.0	20.0	16.5	13.0	12.0	13.5	19.0	23.5	---	30.0	30.0	28.0
10	27.0	19.0	16.0	13.0	12.0	14.5	---	23.5	---	29.0	30.0	29.0
11	27.0	---	16.0	10.0	11.0	16.5	17.0	24.0	28.0	30.0	30.0	27.0
12	27.0	---	18.0	10.0	10.0	17.0	---	24.0	29.0	29.0	29.0	26.0
13	27.0	18.0	16.0	10.0	10.0	18.5	19.0	22.5	28.5	29.0	29.0	26.0
14	26.5	17.0	15.5	15.5	12.0	20.0	20.0	22.5	28.0	29.0	30.0	28.0
15	26.0	17.0	16.0	6.0	11.5	20.5	21.0	24.0	29.5	29.0	30.0	27.0
16	26.0	18.0	14.0	7.0	13.0	20.5	22.0	24.5	28.0	30.0	30.0	27.0
17	26.0	19.0	18.0	6.5	14.0	22.0	23.0	25.0	29.0	29.0	29.0	29.0
18	26.0	19.0	12.5	8.5	15.5	22.5	21.5	25.5	27.0	30.0	30.0	29.0
19	22.0	20.0	10.0	10.0	16.0	20.5	22.0	30.0	27.0	29.0	29.0	29.0
20	22.0	18.0	12.5	11.0	15.5	24.0	23.5	26.0	28.0	30.5	29.0	27.0
21	23.0	17.0	12.0	14.0	15.5	24.5	23.0	26.0	28.0	29.0	29.0	28.0
22	23.0	16.0	13.0	15.0	15.5	23.0	21.0	26.0	28.0	29.0	30.0	27.0
23	23.0	17.0	13.5	17.5	17.0	21.5	19.0	26.0	29.0	31.0	29.0	25.0
24	18.5	18.0	12.5	15.0	17.5	21.0	19.0	27.0	28.0	25.0	30.0	25.0
25	22.5	18.0	11.0	13.0	18.0	21.0	19.0	26.0	29.0	28.0	29.0	25.0
26	21.5	19.0	12.0	13.5	15.0	20.0	19.0	25.0	29.0	30.0	27.0	24.0
27	19.5	20.0	13.0	13.5	13.5	19.0	19.0	27.0	28.0	31.0	33.0	24.0
28	17.5	19.0	13.0	14.0	10.5	19.0	19.0	28.0	26.0	29.0	30.0	24.0
29	19.0	20.0	13.5	15.0	---	16.0	25.0	28.0	26.0	31.0	31.0	25.0
30	28.5	20.0	12.0	16.0	---	17.0	22.0	26.0	27.0	30.5	31.0	26.0
31	28.0	---	12.0	16.0	---	19.0	---	27.5	---	30.0	30.0	---

300514093172800 INTRACOASTAL WATERWAY AT CALCASIEU LOCK, NEAR GRAND LAKE, LA (CE 76880)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9500	9700	11000	6000	5200	1600	4100	530	230	1500	1800	4400
2	9200	9600	9700	6300	6400	1700	4000	410	420	890	2200	6200
3	9400	8800	9900	5800	6900	1300	4100	290	1500	820	670	4600
4	9700	9100	10000	6400	5200	1400	4200	210	1500	720	4400	7900
5	11000	9700	8900	5600	5200	2200	4800	220	1200	650	4500	8200
6	10000	9100	9400	5400	4900	4200	4700	300	1100	1300	820	7000
7	10000	9000	12000	6300	4600	2500	4300	240	1200	920	1200	7300
8	9700	10000	11000	4800	5700	1800	4700	290	1200	800	400	6200
9	9500	9000	10000	6600	4900	3000	4300	210	---	3200	340	7300
10	9500	8900	9700	7200	3400	4200	---	330	---	3900	160	7700
11	9700	8000	10000	6400	1600	1900	5300	510	3100	4600	240	9900
12	7000	9500	12000	5200	1100	1200	---	300	2700	4600	1600	7500
13	9000	8500	9800	5400	980	2400	5000	550	3100	4200	2800	2100
14	9500	8300	11000	5400	640	2000	4800	380	4400	4500	1300	1400
15	9400	7600	10000	5200	2500	1400	4800	160	1500	4600	360	1700
16	9000	10000	10000	4500	6600	960	4600	140	3700	7000	230	510
17	8400	9500	8900	4800	4100	2400	4500	130	4900	5000	120	320
18	8600	7400	9600	10000	4100	2700	3900	180	2200	7900	89	210
19	7800	8800	8700	4100	3300	3500	3000	170	5000	7000	67	200
20	7900	9000	9400	3600	3000	6000	3000	120	5100	6300	950	280
21	8300	9000	9700	1400	5600	6000	3400	110	5500	5600	990	360
22	7900	9000	9700	1900	2400	4200	2800	120	3800	5000	310	140
23	7900	8900	9800	6400	2000	3900	2300	93	4200	4600	82	1300
24	7700	9200	7900	6700	1700	6000	2700	100	4700	5400	80	4400
25	8500	10000	9400	9000	1100	4800	2200	92	4900	4600	92	5000
26	8900	9400	8400	5000	1400	4100	680	110	5400	5200	110	550
27	8900	9100	8000	4800	1200	4200	650	170	5000	3800	700	3400
28	8100	9000	7500	7600	1800	3600	610	130	2400	2900	3000	1100
29	10000	8700	6600	4400	---	4600	710	150	2000	2700	2400	4400
30	9200	9800	8100	4800	---	4900	610	100	1800	2600	4300	6700
31	9700	---	7100	6500	---	7300	---	740	---	1200	3900	---

300533093193000 CALCASIEU LAKE AT GULF INTRACOASTAL WATERWAY, NEAR HACKBERRY, LA (CE 73646)

LOCATION.--Lat 30°05'33", long 93°19'30", T.11 S., R.9 W., Calcasieu Parish, Hydrologic Unit 08080206, at Gulf Intracoastal Waterway, 6.0 mi (9.7 km) north of Hackberry.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--June 1981 to July 1982 (discontinued).

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT												
15...	1130	24300	7.6	26.0	10	9.0	<1.0	7.0	1200	3.5	K500	K60
JAN												
28...	0915	23600	7.4	13.0	20	8.0	<1.0	11.7	530	2.0	470	K6
APR												
12...	1200	21100	7.3	17.5	10	5.0	<1.0	8.9	400	2.5	K40	K20
JUL												
20...	1115	22900	7.9	31.5	20	3.0	<1.0	7.7	2100	5.1	K8	K4

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
OCT												
15...	2800	170	570	5000	170	84	960	9000	16	.33	.30	.63
JAN												
28...	2300	110	480	4400	150	73	1200	7600	9	.08	.04	.12
APR												
12...	2100	130	420	4300	140	97	910	7800	35	.07	.05	.12
JUL												
20...	2500	170	500	4500	160	71	1000	7900	8	.08	.05	.13

DATE	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)
OCT												
15...	1.6	.15	3	3	<10	<10	<1	<1	20	<1	11	9
JAN												
28...	.25	.17	3	2	<10	10	4	3	30	<1	18	12
APR												
12...	.97	.11	1	1	<10	<10	1	<1	20	<1	8	9
JUL												
20...	1.4	.13	1	<1	<10	10	2	2	30	<1	11	10

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

300533093193000 CALCASIEU LAKE AT GULF INTRACOASTAL WATERWAY, NEAR HACKBERRY, LA (CE 73646)--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO SEPTEMBER 1982

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT												
15...	60	4	<1	.4	.5	4	3	<1	<1	50	30	6.7
JAN												
28...	120	2	1	.1	.1	5	3	<1	<1	70	40	6.7
APR												
12...	170	9	9	.3	.3	3	3	<1	<1	50	40	5.2
JUL												
20...	140	7	5	.4	.3	5	2	<1	<1	40	20	5.7

DATE	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)
OCT											
15...	<.01	<1	2	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01
JAN											
28...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	.008	.01
APR											
12...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	.001	<.01
JUL											
20...	<.01	<1	<1	<.10	<.10	<.001	<.10	<.001	<.001	<.001	<.01

DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
OCT											
15...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN											
28...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR											
12...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL											
20...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)
OCT											
15...	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01	<.01	16.1	<.100
JAN											
28...	<.01	<.01	<.01	<.1	<.01	.23	<.01	<.01	<.01	10.9	3.09
APR											
12...	<.01	<.01	<.10	<1	<.01	.02	<.01	<.01	<.01	9.79	2.23
JUL											
20...	<.01	<.01	<.10	<1	<.01	.06	<.01	<.01	.02	25.0	<.100

< Actual value is known to be less than the value shown.

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08030500 SABINE RIVER NEAR RULIFF, TX
(Radiochemical and national stream-quality accounting network)

LOCATION.--Lat 30°18'13", long 93°44'37", Calcasieu Parish, Louisiana-Newton County, Texas State line, Hydrologic Unit 12010005, at downstream side of bridge on State Highway 12, 2.4 mi (3.9 km) north of Ruliff, 4.2 mi (6.8 km) upstream from the Kansas City Southern Railway Co. bridge, 4.5 mi (7.2 km) downstream from Cypress Creek, and at mile 40.2 (64.7 km).

DRAINAGE AREA.--9,329 mi^2 (24,162 km^2).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1924 to current year.

REVISED RECORDS.--WSP 1282: 1941(M), 1942. WSP 1442: 1925-29, 1937-39, 1943. WSP 1732: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4.08 ft (1.244 m) National Geodetic Vertical Datum of 1929. Prior to Mar. 1, 1941, nonrecording gage at Kansas City Southern Railway Co. bridge, 4.2 mi (6.8 km) downstream and at datum 2.02 ft (0.616 m) lower. Mar. 1, 1941 to Dec. 8, 1948, nonrecording gage at present site and datum.

REMARKS.--Water-discharge records fair. Flow is partly regulated by Toledo Bend Reservoir (station 08025350) 116.3 mi (187.1 km) upstream.

AVERAGE DISCHARGE.--42 years (water years 1925-66) prior to completion of Toledo Bend Reservoir, 8,422 ft^3/s (238.5 m^3/s), 6,102,000 acre-ft/yr (7.52 km^3/yr); 16 years (water years 1967-82) regulated, 7,221 ft^3/s (204.5 m^3/s), 5,232,000 acre-ft/yr (6.45 km^3/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 121,000 ft^3/s (3,430 m^3/s) May 22, 1953, gage height, 19.98 ft (6.090 m); minimum, 270 ft^3/s (7.65 m^3/s) Sept. 27-30, Oct. 1-3, 17-20, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1835, 22.2 ft (6.77 m) in May or June 1884 (adjusted to present site and datum on basis of slope of flood of June 8, 9, 1950); flood of Apr. 26-29, 1913 reached a stage of 19.5 ft (5.94 m), present site and datum, from information by local resident.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 35,300 ft^3/s (1,000 m^3/s) April 26, gage height, 15.15 ft (4.618 m); minimum daily, 739 ft^3/s (20.9 m^3/s) Oct. 6, 7.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1080	1470	2170	2850	1630	9650	7460	19100	7680	3320	4860	1040
2	1190	1450	2150	2800	2310	9980	7320	16500	7840	3520	4420	1450
3	1250	1460	2140	2760	2710	9700	7290	14300	7980	4630	2980	1450
4	1020	1500	1990	2520	2570	8080	6270	13400	7950	5480	2530	1360
5	907	1470	1780	2250	2340	6030	4610	14000	7360	5430	4290	1350
6	739	1400	1650	2150	2110	4730	3420	15100	6440	3530	5280	1470
7	758	1350	1580	2090	1940	4180	2680	15900	5190	1790	5770	1050
8	953	1330	1550	1930	1870	3930	2180	15800	3060	1270	5970	830
9	1180	1560	1520	1820	1920	3850	1840	15900	2140	2080	5680	1050
10	1280	1760	1490	1770	2630	3670	1670	15000	3520	3300	3820	1140
11	1250	2030	1460	1710	5110	2980	1590	11400	4230	3740	3080	1200
12	1190	2120	1450	1670	6880	2240	1670	6690	4470	3460	4670	1310
13	1200	1920	1440	1840	7710	1900	1790	4040	4620	2020	5740	1490
14	1300	1740	1480	2200	8010	1750	1670	5570	4210	1280	6180	1110
15	1910	1620	1630	2670	8380	1660	1440	6340	2520	1470	6270	963
16	2360	1560	1940	2820	10200	1580	1360	6950	1910	3330	5770	1090
17	2420	1520	2220	2710	12800	1530	1600	8200	3830	4600	3580	1180
18	2240	1480	2260	2460	16300	1480	3540	8820	4130	5310	2750	1210
19	2060	1450	2140	2110	18700	1420	6090	8990	2630	5230	4420	1300
20	1760	1400	2020	1850	20000	1360	8210	8590	1600	3290	5400	1480
21	1600	1370	1950	1710	19900	1300	9500	7910	1260	2290	5790	1320
22	1500	1350	1890	1610	17500	1240	10600	7460	1150	4060	5910	1120
23	1430	1350	1860	1520	14500	1180	12400	7150	1090	5040	5460	1240
24	1350	1370	1840	1440	12200	1250	15400	6850	1100	5570	3340	1330
25	1340	1370	1800	1390	10500	1330	22000	6610	1160	5810	2420	1290
26	1660	1380	1740	1330	9590	1420	32400	6240	1170	5410	4120	1240
27	2050	1380	1690	1290	9130	1570	34000	5660	1300	3380	5110	1220
28	2100	1380	1650	1250	9190	2700	29700	6070	1370	2500	5030	1390
29	1850	1650	1600	1230	---	5290	26400	6820	1640	4130	3040	1100
30	1660	2080	1560	1230	---	6900	22500	7330	2070	4970	1520	1000
31	1510	---	2440	1320	---	7560	---	7530	---	5300	1050	---
TOTAL	45957	46250	56080	60300	238630	113440	288600	306220	106620	116540	136250	36773
MEAN	1482	1542	1809	1945	8523	3659	9620	9878	3554	3759	4395	1226
MAX	2420	2120	2440	2850	20000	9980	34000	19100	7980	5810	6270	1490
MIN	739	1330	1440	1230	1630	1180	1360	4040	1090	1270	1050	830
AC-FT	91160	91740	111200	119600	473300	225000	572400	607400	211500	231200	270300	72940

CAL YR 1981 TOTAL 1069211 MEAN 2929 MAX 10800 MIN 739 AC-FT 2121000
WTR YR 1982 TOTAL 1551660 MEAN 4251 MAX 34000 MIN 739 AC-FT 3078000

08030500 SABINE RIVER NEAR RULIFF, TX--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1946, 1948 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1945 to September 1946, October 1947 to current year.
WATER TEMPERATURES: October 1947 to current year.

REMARKS.--Data furnished by Texas District. Daily values for the 1982 water year are available from the Texas report.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
NOV 03...	1015	1460	220	7.2	18.5	8.2	10.6	1.3	76	170
JAN 26...	0955	1340	182	7.3	14.0	9.7	10.8	1.3	K31	46
MAR 09...	0945	3850	156	6.9	12.0	12	11.0	1.4	K14	120
MAY 25...	1655	6590	154	6.9	24.5	18	8.6	1.1	130	650
JUL 07...	1140	1700	168	6.9	30.0	13	6.8	1.9	36	1100
SEP 28...	0955	1420	216	7.2	24.5	9.0	8.4	1.0	80	280

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
NOV 03...	30	8.4	2.3	25	3.0	28	24	24	.1
JAN 26...	26	6.8	2.1	25	2.9	34	18	19	.1
MAR 09...	27	7.0	2.3	17	2.6	26	9.0	19	.1
MAY 25...	27	6.2	2.9	19	2.8	19	20	22	<.1
JUL 07...	25	6.0	2.5	22	2.7	20	23	23	<.1
SEP 28...	30	7.5	2.8	30	3.1	32	25	28	.1

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
NOV 03...	11	136	115	.11	.13	.60	.03	.03	<.02
JAN 26...	13	121	107	<.09	.24	.64	.05	.13	.06
MAR 09...	9.4	96	82	<.09	<.06	.55	.22	.17	.05
MAY 25...	7.6	99	92	.10	.13	.60	.05	.05	.05
JUL 07...	8.0	111	99	<.10	.06	2.2	.10	.08	.03
SEP 28...	11	134	126	<.10	.08	1.3	.05	.04	.03

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

08030500 SABINE RIVER NEAR RULIFF, TX--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	BARIUM, DIS-SOLVED (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO)	COBALT, DIS-SOLVED (UG/L AS CO)
NOV 03...	2	<1	<100	54	4	2	<10	<10	<1	<3
MAR 09...	1	1	100	50	1	1	<10	<10	1	2
JUL 07...	1	1	<100	51	<1	<1	10	<10	<1	<1
SEP 28...	1	1	100	51	<1	<1	<10	<10	<1	<1

DATE	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)
NOV 03...	9	4	720	310	19	3	110	70	.1
MAR 09...	8	2	920	160	18	3	80	50	.2
JUL 07...	9	4	680	140	3	1	120	43	.3
SEP 28...	3	1	760	190	<1	<1	80	38	.2

DATE	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG)	SILVER, DIS-SOLVED (UG/L AS AG)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
NOV 03...	.1	3	3	<1	<1	<1	<1	40	20
MAR 09...	<.1	2	3	<1	<1	<1	<1	30	14
JUL 07...	.1	16	5	<1	<1	<1	<1	50	12
SEP 28...	<.1	1	4	<1	<1	<1	<1	20	7

< Actual value is known to be less than the value shown.

08030500 SABINE RIVER NEAR RULIFF, TX--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
NOV 03...	--	0	--	.0	--	.0	--	.0	--	.0	--	.0
MAR 09...	<.10	--	<.10	--	<.01	--	<.10	--	<.01	--	<.01	--
MAY 25...	<.10	<1	<.10	<1.0	<.01	<.1	<.10	<1.0	<.01	<.1	<.01	<.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	HEPTACHLOR, TOTAL (UG/L)
NOV 03...	--	.0	--	--	.0	--	.0	--	.0	--	--
MAR 09...	<.01	--	.00	<.01	--	<.01	--	<.01	--	.00	<.01
MAY 25...	<.01	<.1	<.01	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.01

DATE	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL TRITHION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)
NOV 03...	.0	--	.0	--	.0	--	--	.0	--	--	--
MAR 09...	--	<.01	--	<.01	--	.00	<.01	--	.00	.00	<.01
MAY 25...	<.1	<.01	<.1	<.01	<.1	<.01	<.01	<.1	<.01	<.01	<.01

DATE	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATERIL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
NOV 03...	.0	--	--	.00	--	.0	--	--	--	--	--
MAR 09...	--	.00	<.10	--	<1	--	.00	.01	<.01	<.01	<.01
MAY 25...	<.1	<.01	<.10	<1.00	<1	<10	<.01	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

08030500 SABINE RIVER NEAR RULIFF, TX--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)
NOV								
03...	<3.6	1.1	.7	5.0	<.8	4.8	<.7	.15
JUL								
07...	<2.7	1.4	1.0	3.8	<1.1	3.6	<1.1	.07

DATE	SEDI- MENT, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV			
03...	12	47	98
JAN			
26...	19	69	81
MAR			
09...	32	333	60
MAY			
25...	49	872	61
JUL			
07...	53	243	55
SEP			
28...	12	46	93

< Actual value is known to be less than the value shown.

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than at stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. These measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at partial-record stations are presented in two tables. The first is a table of annual maximum gage heights and discharges at crest-stage partial-record stations, the second is a table of peak elevations at flood-profile stations. Discharge measurements made at miscellaneous sites for both low flow and high flow are given in a third table.

CREST-STAGE PARTIAL-RECORD STATIONS

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained, and discharge measurements may have been made for purposes of establishing the stage-discharge relation but these are not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

NOTE: During the 1982 water year, a detailed analysis of all active crest-stage stations was completed. This included checking all dates, peak gage heights, measurements, levels, and then redeveloping the stage-discharge relationship on logarithmic paper. This resulted in some minor changes and the discovery of some errors in data which were published in earlier reports. Therefore, all peak discharges and gage heights, where any changes occurred, are republished in this report and so footnoted.

ANNUAL MAXIMUM DISCHARGE AT CREST-STAGE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Annual maximum Date	 Gage height (feet)	 Discharge (ft^3/s)
		Pearl River basin					
02490113	Bogue Lusa Creek at State Highway 21, at Bogalusa, LA (station discontinued).	Lat 30°46'52", long 89°51'07", Washington Parish, at bridge on State Highway 21, and 1.4 mi (2.3 km) southeast of Bogalusa water tower.	75.9	1969-82	4-13-69	*75.74	a2,140
					9-16-71	*76.34	a2,810
					5-08-72	*77.35	a4,160
					3-24-73	*78.68	a6,420
					12-26-73	*78.84	a6,730
					4-14-75	*78.17	a5,490
					4-22-77	*79.10	a7,250
					4-24-79	*78.09	a5,350
					5-17-80	*77.38	a4,210
					2-11-81	*76.27	b2,720
					4- 1-82	*75.43	1,830
02490130	Coburn Creek at Bogalusa, LA.	Lat 30°47'46", long 89°50'46", Washington Parish, at bridge on State Highway 21, and 1.0 mi (1.6 km) southeast of Bogalusa water tower.	7.96	1969-82	4- 1-82	3.90	(#)
02491200	Silver Springs Creek near Clifton, LA (station discontinued).	Lat 30°55'30", long 90°14'30", Washington Parish, at bridge on State Highway 38, and 3.6 mi (5.8 km) west of Clifton.	50.1	1966-82	2-12-66	9.63	a6,300
					4-14-67	8.62	a4,460
					4-14-68	4.70	a803
					4-13-69	7.49	a2,910
					6- 3-71	6.41	a1,850
					12- 6-71	8.84	a4,820
					3-24-73	9.58	a6,190
					12-26-73	6.02	a1,550
					1-10-75	8.77	a4,700
					2- 1-76	3.93	a524
					4-22-77	9.06	a5,200
					11-27-77	7.28	a2,680
					4-24-79	7.82	a3,310
					3-29-80	10.00	a7,100
					2-11-81	4.13	b583
					4- 1-82	4.87	880
02491350	Hays Creek near Franklintor, LA.	Lat 30°53'16", long 90°11'28", Washington Parish, at bridge on State Highway 25, and 3.4 mi (5.5 km) northwest of Franklinton water tower.	42.2	1966-82	2-12-66	12.60	a3,840
					4-14-67	11.74	a2,900
					4-13-69	11.74	a2,900
					6- 3-71	10.30	a1,600
					5- 8-72	12.95	a4,270
					3-24-73	e14.69	a6,700
					12-26-73	13.93	a5,560
					1-10-75	11.97	a3,140
					4-22-77	e13.85	a5,450
					11-27-77	10.04	a1,410
					4-24-79	11.25	a2,420
					3-29-80	14.32	a6,130
					2-11-81	9.55	b1,100
					2-17-82	9.15	868

See footnotes at end of the table.

ANNUAL MAXIMUM DISCHARGE AT CREST-STAGE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982--Continued

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Annual maximum Date	Annual maximum Gage height (feet)	Annual maximum Discharge (ft^3/s)
Pearl River basin--Continued							
02491700	Lawrence Creek near Franklinton, LA.	Lat 30°50'55", long 90°06'55", Washington Parish, at bridge on State Highway 10, and 2.0 mi (3.2 km) east of Franklinton.	44.2	1964-82	3- 2-64	11.23	a4,770
					2-17-65	9.07	a1,700
					2-12-66	11.22	a4,760
					4-14-67	11.23	a4,770
					4-13-69	11.38	a5,050
					10-13-70	9.06	a1,690
					5- 8-72	11.57	a5,420
					3-24-73	14.30	a12,600
					12-26-73	13.27	a9,450
					4-14-75	10.49	a3,520
					4-22-77	12.94	a8,560
					11-27-77	10.17	a3,040
					4-24-79	11.11	a4,560
					3-29-80	12.53	a7,530
					2-11-81	9.83	b2,580
					4- 1-82	9.03	1,660
Bayou Sara basin							
07373400	Little Bayou Sara near Turnbull, LA (station discontinued).	Lat 30°58'15", long 91°28'50", West Feliciana Parish, at bridge on State Highway 968, and 1.2 mi (1.9 km) northwest of Turnbull.	22.3	1950-60, 1963-68, 1974-82	2-17-82	*175.21	(#)
Thompson Creek basin							
07373450	Thompson Creek at Jackson, LA.	Lat 30°50'25", long 91°13'35", East Feliciana-West Feliciana Parish line, at bridge on State Highway 10, and 0.5 mi (0.8 km) west of Jackson.	99.3	1949-59, 1972-73, 1975-82	3-22-49	*91.09	a34,100
					1- 6-50	*88.49	a22,000
					4-30-51	*87.86	a19,300
					5-19-52	*85.16	a9,970
					5-18-53	*90.54	a31,300
					5- 4-54	*85.52	a11,100
					4-13-55	*91.72	a37,400
					12- 4-55	*88.13	a20,500
					6-28-57	*88.50	a22,000
					11-17-57	*85.91	a12,300
					1959	c84.3	(#)
					12- 7-71	*89.09	a24,600
					3-24-73	*92.26	a40,300
					5- 8-75	*86.04	a12,700
					4-22-77	*87.14	a16,500
					12- 1-77	*88.90	a23,700
					4-22-79	*88.90	a23,700
					3-27-80	*86.94	a15,800
					7- 3-81	*82.77	b4,100
					1982	c81.6	(#)
07373640	Hammer Creek tributary near Jackson, LA.	Lat 30°50'40", long 91°17'35", West Feliciana Parish, at culvert on State Highway 10, 2.8 mi (4.5 km) east of Elm Park, and 4.7 mi (7.6 km) west of Jackson.	.20	1968-82	4-28-68	b3.52	b105
					4-13-69	b3.84	b133
					10- 6-69	b5.07	b247
					9-16-71	b4.42	b185
					1972	b4.20	b163
					3-24-73	b4.74	b215
					11- 4-73	b4.94	b235
					6-18-75	b3.72	b122
					3-25-76	b2.53	b38
					7- 3-81	5.05	b245
					8- 2-82	3.66	116
07373700	Thompson Creek near Starhill, LA.	Lat 30°44'55", long 91°17'05", East Feliciana-West Feliciana Parish line, at bridge on U.S. Highway 61, and 1.7 mi (2.7 km) southeast of Starhill.	249	1949-68, 1973, 1975-82	3-22-49	42.92	a33,500
					4- 8-51	42.33	a28,300
					5-18-53	46.10	a73,900
					4-13-55	46.02	a72,700
					3-12-56	43.89	a44,200
					6-28-57	43.82	a43,400
					11-13-61	44.11	b46,800
					1-19-63	38.35	b11,300
					4-13-67	43.98	a45,200
					3-24-73	45.88	a70,600
					8- 3-75	43.24	a36,800
					3-25-76	40.43	a17,400
					4-22-77	43.88	a44,100
					12- 1-77	43.13	a35,600
					4-22-79	47.62	b98,400
					4-14-80	45.65	b67,300
					7- 3-81	43.12	b35,500
					2-17-82	40.49	17,600

See footnotes at end of the table.

ANNUAL MAXIMUM DISCHARGE AT CREST-STAGE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982--Continued

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Annual maximum		
					Date	Gage height (feet)	Dis-charge (ft^3/s)
		Thompson Creek basin--Continued					
07373800	Alexander Creek near St. Francisville, LA.	Lat 30°42'55", long 91°22'05", West Feliciana Parish, at bridge on State Highway 10, 1.0 mi (1.6 km) northeast of St. Francisville.	23.9	1953-68, 1971-73, 1975-82	5-18-53	14.18	a11,700
					7-17-54	9.35	a3,200
					4-12-55	12.55	a8,200
					3-12-56	10.93	a5,380
					3-24-58	9.20	a3,020
					4-19-59	9.58	a3,480
					3-17-61	12.04	a7,250
					4- 6-62	11.17	a5,760
					1-19-63	7.97	a1,720
					3- 2-64	10.87	a5,280
					10- 4-64	13.25	a9,620
					2-12-66	9.87	a3,860
					4-14-67	8.39	a2,140
					4-28-68	8.01	a1,760
					9-16-71	11.21	a5,830
					12- 7-71	12.83	a8,760
					3-24-73	12.13	a7,410
					7- 9-75	10.60	a4,880
					4-22-77	12.20	a7,540
					12- 1-77	11.10	a5,650
					4-22-79	11.17	a5,760
					3-27-80	10.81	b5,200
					7- 3-81	12.00	b7,180
					1982	<8.6	(#)
		Bayou Baton Rouge basin					
07373900	Bayou Baton Rouge above Baker, LA.	Lat 30°37'20", long 91°12'35", East Baton Rouge Parish, at bridge on unnumbered parish road, and 3.4 mi (5.5 km) northwest of Baker.	13.7	1953-68d 1975-82	2-17-82	17.09	(#)
		Mississippi River Delta					
07374700	Tchefuncta River near Franklinton, LA.	Lat 30°45'22", long 90°15'52", Washington Parish, at bridge on State Highway 16, and 9.0 mi (14.5 km) southwest of Franklinton.	53.1	1949-68, 1975-82	3-23-49	44.05	a1,950
					2-13-50	45.42	a4,010
					3-29-51	44.84	a3,010
					5- 3-53	45.48	a4,120
					12- 4-53	45.17	a3,560
					2- 7-55	43.24	a1,180
					2- 5-56	44.83	a3,000
					4- 5-57	45.05	a3,360
					1-25-58	44.72	a2,830
					6- 1-59	44.58	a2,630
					4- 4-60	43.38	a1,280
					11-13-61	47.29	a8,600
					7- 1-63	42.18	a634
					3- 3-64	45.35	a3,880
					2-17-65	44.17	a2,090
					2-13-66	46.18	a5,580
					4-14-67	45.22	a3,650
					4-15-75	45.98	a5,130
					4-22-77	47.04	a7,860
					12- 1-77	45.48	a4,120
					4-23-79	e45.90	a4,960
					3-29-80	e46.46	a6,270
					2-11-81	e44.54	b2,580
					2- 2-82	43.95	1,840
07375170	Bogue Falaya at Covington, LA.	Lat 30°29'58", long 91°05'04", St. Tammany Parish, at bridge on State Highway 437, and 1.0 mi (1.6 km) northeast of Covington.	88.2	1964-82	4-27-64	19.66	a8,610
					2-13-66	17.77	a6,780
					4-13-69	10.71	a2,810
					5- 8-72	18.73	a7,730
					3-24-73	18.99	a7,970
					3-27-74	15.23	a4,820
					5- 8-75	17.61	a6,730
					4-22-77	17.11	a6,310
					1-24-78	10.31	a2,700
					5-17-80	13.03	a3,610
					2-11-81	10.47	b2,740
					2- 2-82	8.60	2,310

See footnotes at end of the table.

ANNUAL MAXIMUM DISCHARGE AT CREST-STAGE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982--Continued

					Annual maximum		
Station No.	Station name	Location	Drainage area (mi2)	Period of record	Date	Gage height (feet)	Discharge (ft3/s)
		Mississippi River Delta--Continued					
07375222	Abita River north of Abita Springs, LA.	Lat 30°28'55", long 90°02'20", St. Tammany Parish, at bridge on State Highway 36, and 0.2 mi (0.3 km) north of village of Abita Springs.	46.1	1966-82	2-13-66	*22.46	a3,230
					4-14-67	*19.58	a1,390
					1-15-68	*14.75	a541
					4-13-69	*19.31	a1,300
					3- 4-70	*14.14	a485
					2-26-71	*20.64	a1,960
					5- 8-72	*23.38	a4,050
					3-25-73	e,*23.69	a4,360
					5-23-74	*23.37	a4,040
					7-27-75	*20.05	a1,630
					2- 1-76	*17.98	a961
					8-25-77	*22.16	a2,990
					5- 3-78	*23.92	a4,590
					2-27-79	*21.05	a2,200
					3-29-80	*24.07	a4,750
					2-11-81	*23.06	b3,750
					2- 2-82	*18.82	1,150
07375300	Tangipahoa River near Kentwood, LA.	Lat 30°56'15", long 90°29'25", Tangipahoa Parish, at bridge on State Highway 38, and 1.1 mi (1.8 km) east of Kentwood.	f296	1951-59, 1961-68, 1974-82	3-28-51	b14.08	b17,300
					5- 3-53	b12.14	b9,170
					4-14-55	b13.67	b15,200
					3-11-56	b11.21	b6,520
					9-18-57	b10.68	b5,370
					3-10-58	b11.37	b6,930
					2-18-61	13.13	b12,800
					12-19-61	13.86	b16,200
					4-26-64	12.72	b11,200
					10- 4-64	14.33	b18,600
					2-13-66	13.50	b14,400
					4-14-67	14.35	b18,700
					5-13-68	10.98	b5,970
					5-22-74	b14.48	b19,500
					1- 8-75	12.58	b10,700
					4-22-77	14.65	b20,500
					12- 1-77	12.23	b9,460
					2-25-79	14.32	b18,600
					3-29-80	16.12	b30,800
					1982	<12.2	(#)
07375307	Terrys Creek near Kentwood, LA.	Lat 30°57'23", long 90°30'13", Tangipahoa Parish, at bridge on U.S. Highway 51, and 5.1 mi (8.2 km) northeast of Kentwood.	52.0	1966-82	5- 8-82	10.36	(#)
					8- 7-82	10.36	(#)
07375463	Chappepeela Creek near Husser, LA.	Lat 30°39'35", long 90°18'45", Tangipahoa Parish, at bridge on State Highway 445, and 1.9 mi (3.1 km) southeast of Husser.	31.7	1966-82	2-13-66	26.02	a4,800
					4-14-67	26.35	a5,480
					1- 1-68	22.49	a708
					4-13-69	24.90	a2,920
					3- 4-70	22.60	a766
					9-16-71	24.90	a2,920
					12- 8-71	26.52	a5,860
					3-25-73	27.71	b9,020
					5-23-74	26.22	a5,200
					4-14-75	26.08	a4,920
					1- 4-76	21.86	a430
					4-22-77	26.05	a4,860
					12- 1-77	24.09	a1,940
					4-23-79	24.69	a2,640
					5-19-80	24.96	a3,010
					2-11-81	24.20	b2,050
					2- 2-82	22.79	876
07375480	Chappepeela Creek southeast of Loranger, LA.	Lat 30°36'22", long 90°19'56", Tangipahoa Parish, at bridge on State Highway 40, and 4.5 mi (7.2 km) southeast of Loranger.	91.0	1964-82	3-02-64	12.26	a7,470
					2-18-65	10.33	a4,230
					2-13-66	11.70	a6,400
					4-14-67	15.26	b15,400
					1- 1-68	7.17	a1,580
					5- 8-69	12.07	a7,090
					3- 4-70	6.90	a1,460
					10-13-70	7.79	a1,910
					12- 7-71	14.09	a11,800
					3-25-73	16.12	b18,500
					5-22-74	14.27	a12,400
					4-14-75	14.17	a12,100
					1- 4-76	7.00	a1,500
					4-22-77	14.72	a13,700
					10-25-77	9.86	a3,630
					4-23-79	12.18	a7,310
					5-19-80	11.93	a6,820
					2-11-81	11.09	b5,360
					2- 2-82	7.41	1,700

See footnotes at end of the table.

ANNUAL MAXIMUM DISCHARGE AT CREST-STAGE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982--Continued

					Annual maximum		
Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Date	Gage height (feet)	Discharge (ft^3/s)
		Mississippi River Delta--Continued					
07375600	Washley Creek near Robert, LA (station discontinued).	Lat 30°30'20", long 90°18'30", Tangipahoa Parish, at bridge on U.S. Highway 190, and 2.0 mi (3.2 km) east of Robert.	25.3	1951-82	2- 2-82	8.18	(#)
07375960	Tickfaw River at Montpelier, LA.	Lat 30°41'10", long 90°38'35", St. Helena Parish, at bridge on State Highway 16, and 0.5 mi (0.8 km) northeast of Montpelier.	220	1951-68	3- 3-51	g100.68	b5,600
				1974-82	5- 3-53	*103.93	a12,700
					12- 6-53	*99.09	a3,340
					4-15-55	g101.20	b6,500
					3-11-56	g100.42	b5,180
					9-18-57	*99.28	a3,570
					1-12-58	g100.46	b5,250
					6- 3-59	g100.43	b5,200
					2- 5-60	*98.41	a2,580
					3-18-61	*102.32	b8,740
					4-29-62	*104.41	a14,100
					3- 3-64	*101.17	b6,450
					10- 4-64	*102.15	b8,380
					2-13-66	*103.62	a11,900
					4-15-67	*102.91	a10,100
					4- 9-68	*102.31	b8,720
					5-23-74	*108.31	a28,400
					5-30-75	*102.34	a8,790
					4-22-77	*106.18	a19,800
					12- 1-77	*102.99	a10,300
					4-23-79	*105.85	a18,600
					4-26-80	*104.24	b13,600
					2-17-82	*99.31	3,600
07376285	Hickory Branch near Albany, LA (station discontinued).	Lat 30°28'00", long 90°36'35", Livingston Parish, at culvert on Parish Road No. 46, 2.3 mi (3.7 km) southeast of junction with State Highway 441, and 3.0 mi (4.8 km) southwest of Albany.	1.25	1966-71,	4-22-82	11.63	(#)
				1974-82			
07376290	Blood River near Springfield, LA.	Lat 30°26'19", long 90°36'37", Livingston Parish, at bridge on State Highway 42, and 3.7 mi (6.0 km) northwest of Springfield.	26.6	1964-69,	3- 3-64	*12.88	a874
				1971-82	3- 3-65	*13.73	a1,050
					2-13-66	*15.82	a1,550
					4-17-67	*17.99	a2,190
					3-22-68	*9.81	a435
					4-14-69	*14.86	a1,310
					9-16-71	*15.37	a1,430
					5- 8-72	*14.69	a1,270
					3-25-73	*16.73	a1,800
					5-22-74	*15.89	a1,570
					1-12-75	*13.82	a1,070
					2- 6-76	*12.48	a800
					4-22-77	*17.83	a2,140
					12- 1-77	*12.45	a795
					4-23-79	*17.65	a2,080
					4-13-80	*15.98	a1,590
					2-11-81	*14.92	b1,320
					4-22-82	*12.22	754
07376520	Little Natalbany River at Albany, LA.	Lat 30°30'15", long 90°34'40", Livingston Parish, at bridge on U.S. Highway 190, and 0.3 mi (0.5 km) east of Albany.	40.6	1966-82	2-13-66	25.03	a3,400
					4-15-67	30.95	b6,880
					1- 1-68	19.30	a1,310
					4-14-69	26.44	a4,100
					9-16-71	24.33	a3,080
					12- 7-71	25.45	a3,600
					3-25-73	26.48	a4,120
					5-23-74	28.77	a5,430
					4-29-75	25.51	a3,630
					3-25-76	20.57	a1,670
					9- 6-77	27.91	a4,920
					12- 1-77	22.59	a2,360
					4-23-79	24.26	a3,050
					4-13-80	24.53	a3,170
					2-11-81	21.95	b2,130
					2-22-82	19.67	1,410
07376600	Ponchatoula Creek at Natalbany, LA (station discontinued).	Lat 30°33'40", long 90°28'55", Tangipahoa Parish, at bridge on U.S. Highway 51, and 1.0 mi (1.6 km) north of Natalbany.	13.8	1951-82	2- 2-82	8.21	(#)

See footnotes at end of the table.

ANNUAL MAXIMUM DISCHARGE AT CREST-STAGE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982--Continued

Station No.	Station name	Location	Drainage area (mi²)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (ft³/s)
		Mississippi River Delta--Continued					
07377190	Sandy Creek southeast of Clinton, LA.	Lat 30°50'05", long 90°57'50", East Feliciana Parish, at bridge on State Highway 63, and 5.9 mi (9.5 km) southeast of Clinton.	17.2	1966-82	2-17-66	12.80	a2,290
					4-14-67	12.58	a2,000
					5-25-68	8.30	a375
					4-13-69	11.74	a1,180
					9-17-71	9.73	a524
					12- 6-71	11.03	a759
					3-24-73	13.83	a4,100
					5-23-74	14.56	a6,000
					5- 8-75	11.90	a1,310
					1- 4-76	9.35	a478
					4-22-77	14.96	a7,310
					12- 1-77	12.92	a2,460
					4-22-79	13.46	a3,350
					4-14-80	14.44	a5,640
					5- 6-81	9.47	b492
					1982	<7.8	(*)
07377210	Sandy Creek near Pride, LA.	Lat 30°40'14", long 90°57'36", East Baton Rouge Parish, at bridge on Carlson Road, 0.8 mi (1.3 km) east of intersection of Carlson Road with State Highway 409, and 1.9 mi (3.1 km) southeast of Pride.	69.90	1976-82	3-25-76	14.52	b1,830
					4-22-77	20.03	b8,740
					5- 8-78	15.73	b2,540
					4-22-79	19.18	b6,990
					4-14-80	18.76	b6,240
					2- 6-81	9.79	b650
					2-17-82	14.13	1,680
07377300	Amite River at Magnolia, LA.	Lat 30°32'05", long 90°58'50", East Baton Rouge Parish, at bridge on State Highway 64, and 0.4 mi (0.6 km) east of Magnolia.	884	1949-82	5- 4-49	*42.26	a23,800
					1- 9-50	*45.10	a35,100
					4- 1-51	*44.32	a31,500
					4- 5-52	*36.48	a10,300
					5-20-53	*47.46	a48,400
					12-11-53	*36.74	a10,800
					4-15-55	*48.26	a53,700
					3-14-56	*41.92	a22,800
					7- 1-57	*37.71	a12,500
					9-25-58	*38.42	a13,800
					2- 4-59	*39.39	a15,800
					12-19-59	*40.26	a17,900
					3-18-61	*46.57	a42,900
					4-29-62	*45.14	a35,300
					3- 3-64	*43.78	a29,300
					10- 6-64	*45.89	a39,200
					2-17-66	*43.97	a30,000
					4-15-67	*46.12	a40,400
					4-13-69	*40.52	a18,600
					10- 8-69	*39.10	a15,200
					12- 6-71	*46.42	a42,100
					3-27-73	*48.00	a51,900
					4-15-74	*41.73	a22,200
					1-10-75	*43.99	a30,100
					4-23-77	*51.91	a85,100
					12- 1-77	*42.84	a25,800
					4-23-79	*46.51	a42,600
					4-14-80	*46.65	a43,400
					1982	c40.20	(*)
07377700	Redwood Creek near Slaughter, LA.	Lat 30°43'44", long 91°06'54", East Feliciana Parish, at bridge on State Highway 412, and 2.0 mi (3.2 km) northeast of Slaughter.	41.1	1966-68h, 1969-82	1-10-68	7.23	a309
					3-24-73	17.68	a3,120
					4-22-77	18.60	a4,160
					12- 1-77	18.30	a3,800
					7- 3-81	10.99	b642
					2-17-82	15.29	1,610
07378070	Beaver Bayou near Fred, LA.	Lat 30°37'32", long 91°03'08", East Baton Rouge Parish, at bridge on State Highway 946, 0.2 mi (0.3 km) southwest of intersection of State Highways 64 and 946, and 3.6 mi (5.8 km) southeast of Fred.	0.17	1975-82	1982	<11.6	(*)

See footnotes at end of the table.

ANNUAL MAXIMUM DISCHARGE AT CREST-STAGE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982--Continued

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (ft^3/s)
		Mississippi River Delta--Continued					
07379085	North Branch Ward Creek tributary at Baton Rouge, LA.	Lat 30°26'43", long 91°05'26", East Baton Rouge Parish, at culvert on U.S. Highway 61 at Baton Rouge, and 0.2 mi (0.3 km) upstream from mouth.	.13	1969-82	4-13-69	b11.48	b112
					12- 6-69	b11.11	b95
					9-16-71	b10.89	b85
					5- 7-72	b11.13	b95
					9-13-73	b11.31	b104
					11- 5-73	b10.72	b78
					1- 1-75	b10.78	b81
					1976	b11.86	b127
					7-13-81	11.03	b91
					8-11-82	11.11	95
07380160	Middle Colyell Creek near Walker, LA.	Lat 30°29'45", long 90°50'30", Livingston Parish, at bridge on U.S. Highway 190, and 1.3 mi (2.1 km) east of Walker.	20.3	1951-82	7-16-52	4.75	a1,420
					5- 4-53	6.72	a2,000
					1-16-54	6.99	b2,100
					1957	b-.15	(#)
					1958	b-.15	(#)
					7-31-59	3.20	a1,040
					2- 4-60	1.02	a621
					2-22-61	4.85	a1,440
					4-29-62	4.08	a1,250
					1963	b-.15	(#)
					3- 4-64	1.77	a748
					3- 1-65	2.73	a935
					4-23-66	8.14	a2,530
					4-15-67	6.89	a2,060
					1- 1-68	1.07	a537
					4-13-69	5.19	a1,530
					3- 3-70	1.42	a597
					3- 2-71	1.36	a587
					5- 8-72	4.04	a1,200
					9-13-73	e4.53	a1,340
					4-15-74	4.10	a1,220
					5- 1-75	4.59	a1,360
					1- 5-76	1.13	a548
					4-22-77	5.49	a1,620
					12- 1-77	2.97	a923
					4-23-79	6.09	a1,800
					4-27-80	4.95	a1,460
					2-11-81	3.68	b1,110
					2-17-82	.39	430
07381413	Intracoastal Waterway tributary near Port Allen, LA (station discontinued).	Lat 30°26'42", long 91°13'53", West Baton Rouge Parish, on Interstate Highway 10, 0.2 mi (0.3 km) upstream from mouth, and 1.4 mi (2.3 km) southwest of Port Allen.	9.08	1971-82	5- 8-72	e8.63	(#)
					4- 3-75	e9.02	(#)
					4-22-77	e9.63	(#)
					4-17-82	7.62	(#)

Discharge not determined.
* Elevation; National Geodetic Vertical Datum (NGVD) of 1929.
a Revised, see explanation at beginning of table.
b Not previously published.
c Elevation and less than amount shown.
d Datum different and unknown.
e Corrected; figure previously published found in error.
f Including Terrys Creek.
g Not previously published; elevation (NGVD of 1929).
n Operated as a continuous-record gaging station.

The following table contains annual maximum elevation for flood-profile stations. A flood-profile gage is a device which will register the peak elevation occurring between inspections. The date of the maximum elevation is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Where two or more sites on the same stream have annual peaks caused by different floods, these floods are listed for each site. The years given in the period of record represent water years for which the annual maximum has been determined.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Flood peak	
					Date	Elevation, in feet (NGVD)
		Pearl River basin				
02491800	Bogue Chitto at Enon, LA.	Lat 30°43'10", long 90°05'00", St. Tammany Parish, at bridge on State Highway 437, 0.5 mi (0.8 km) south of Enon.	1,107	1950-63, 1973-82	2-18-82	*10.60
02492663	French Branch near Slidell, LA.	Lat 30°17'40", long 89°44'10", St. Tammany Parish, at bridge on State Highway 1092, 3.5 mi (5.6 km) northeast of Slidell.	(#)	1966-82	4-24-82	*9.88
		Bayou Baton Rouge basin				
07373970	Baker Canal at Baker, LA.	Lat 30°35'19", long 91°10'24", East Baton Rouge Parish, at bridge on Groom Road, 0.3 mi (0.5 km) west of Baker.	(#)	1962-82	2-15-82	59.81
07373980	Baker Canal near Baker, LA.	Lat 30°34'49", long 91°12'43", East Baton Rouge Parish, at bridge on U.S. Highway 61, 2.7 mi (4.3 km) southwest of Baker.	(#)	1963-70 1971-82a	2-16-82	54.21
07373993	Monte Sano Bayou at Ryan Airport, at Baton Rouge, LA.	Lat 30°32'08", long 91°09'32", East Baton Rouge Parish, at bridge on service road at Ryan Airport, 6.1 mi (9.8 km) north of Baton Rouge Post Office.	(#)	1975-82	2-16-82	55.26
					4-22-82	55.59
07373996	Monte Sano Bayou at Baton Rouge, LA.	Lat 30°30'10", long 91°10'12", East Baton Rouge Parish, at bridge on U.S. Highway 61 at Baton Rouge.	(#)	1975-82	2-16-82	38.86
					4-22-82	34.26
		Mississippi River Delta				
07374570	Oakes diversion channel at Slidell, LA.	Lat 30°17'35", long 89°46'00", St. Tammany Parish, at culvert on Robert Road, 0.4 mi (0.6 km) north of Gause Blvd., at Slidell.	(#)	1966-82	2-13-66	b13.39
					9- 7-67	b13.64
					4-28-68	b13.38
					5- 8-69	b12.43
					1970	b,<10.6
					12-16-70	b11.87
					1-20-72	b11.92
					3-24-73	b13.95
					5-23-74	b15.21
					7-27-75	b13.79
					4-22-77	b13.62
					5- 4-78	b14.34
					9-22-79	b13.51
					3-29-80	b14.78
					2-11-81	b14.41
					1982	c9.8
07375410	Tangipahoa River at Tangipahoa, LA (station discontinued).	Lat 30°52'36", long 90°29'44", Tangipahoa Parish, at bridge on State Highway 440, and 1.0 (1.6 km) east of Tangipahoa.	340	1959-65, 1967-74, 1977-82	6- 1-59	b160.88
					5- 6-60	b159.31
					3-18-61	b167.15
					1-28-62	b165.37
					1963	b,<157.7
					3- 2-64	b165.87
					10- 5-64	b167.23
					4-14-67	b167.38
					5-12-68	b160.79
					4-14-69	b160.31
					1970	b,<157.6
					9-17-71	b162.20
					12- 7-71	b165.97
					3-24-73	b167.13
					5-23-74	b169.34
					4-22-77	b167.44
					12- 1-77	b161.27
					2-25-79	b166.01
					3-29-80	(unknown)
					4-22-82	157.74

See footnotes at end of the table.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982--Continued

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Flood peak	
					Date	Elevation, in feet (NGVD)
		Mississippi River Delta--Continued				
07375420	Tangipahoa River at Arcola, LA (station discontinued).	Lat 30°46'30", long 90°29'53", Tangipahoa Parish, at bridge on State Highway 10, and 0.7 mi (1.1 km) east of Arcola.	381	1959-65d, 1968-82	3-29-80 1982	(unknown) e18.8
07377150	Amite River at Grangeville, LA (station discontinued).	Lat 30°44'10", long 90°50'30", East Feliciana-St. Helena Parish line, at bridge on State Highway 37, and 0.5 mi (0.8 km) southwest of Grangeville.	741	1951-63f, 1964-82	1982	<105.8
07377215	Little Sandy Creek near Milldale, LA.	Lat 30°42'34", long 91°01'26", East Baton Rouge Parish, at bridge on Port Hudson-Pride Road, 2.9 mi (4.7 km) north of Milldale.	(#)	1975-82	2-16-82	*12.65
07377250	Sandy Creek near Greenwell Springs, LA.	Lat 30°36'08", long 90°59'37", East Baton Rouge Parish, at bridge on State Highway 37, 1.5 mi (2.4 km) north of village of Greenwell Springs, LA.	(#)	1982a	4-22-82	q,*12.32
07377400	Comite River near Clinton, LA.	Lat 30°51'30", long 91°02'20", East Feliciana Parish, at bridge on State Highway 10, and 1.3 mi (2.1 km) west of Clinton.	h112	1949-65f, 1969-82	2-22-69 1970 2-17-82	b175.95 b,<175.2 176.83
07377750	Comite River near Zachary, LA (station discontinued).	LAt 30°38'35", long 91°05'40", East Baton Rouge Parish, at bridge on State Highway 64, and 3.7 mi (6.0 km) east of Zachary.	230	1951-63f, 1964-82	2-17-82	76.67
07377760	Comite River at Comite Drive, near Baton Rouge, LA.	Lat 30°33'24", long 91°05'53", East Baton Rouge Parish, at bridge 9.0 mi (14.5 km) northeast of Baton Rouge Post Office.	(#)	1962-82	2-17-82	50.90
07377780	White Bayou at State Highway 64, near Zachary, LA.	Lat 30°38'10", long 91°07'38", East Baton Rouge Parish, at bridge 1.1 mi (1.8 km) east of Zachary.	(#)	1962-75, 1977-82	2-15-82	86.51
07377840	White Bayou near Baton Rouge, LA.	Lat 30°35'06", long 91°07'31", East Baton Rouge Parish, at bridge on Plank Road, 10.0 mi (16.1 km) northeast of Baton Rouge Post Office.	(#)	1962-82	1982	<68.7
07377890	Cypress Bayou at Baker, LA.	Lat 30°34'31", long 91°10'01", East Baton Rouge Parish, at bridge on Lavey Lane, 0.2 mi (0.3 km) east of State Highway 19 at Baker.	(#)	1967-69, 1971-82	4-17-67 1968 1969 1970 1971 1972 3-24-73 1974 1975 1976 1977 1978 1979 1980 1981 1982	69.56 <69.0 <69.0 <68.0 <68.0 <68.0 68.37 <68.0 <68.0 <68.0 <68.0 <68.0 <68.0 <68.0 <68.0 <68.0
07377900	Cypress Bayou at Plank Road, near Baton Rouge, LA.	Lat 30°32'32", long 91°08'18", East Baton Rouge Parish, at bridge 6.9 mi (11.1 km) northeast of Baton Rouge Post Office.	(#)	1962-65, 1967-82	2-15-82	51.48
07377920	Cypress Bayou at Hooper Road, near Baton Rouge, LA.	Lat 30°31'42", long 91°06'35", East Baton Rouge Parish, at bridge 7.0 mi (11.3 km) northeast of Baton Rouge Post Office.	(#)	1962-82	2-15-82	43.86

See footnotes at end of the table.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982--Continued

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Flood peak	
					Date	Elevation, in feet (NGVD)
		Mississippi River Delta--Continued				
07377933	Blackwater Bayou near Fred, LA.	Lat 30°35'52", long 91°04'46", East Baton Rouge Parish, at bridge on Dyer Road, 3.8 mi (6.1 km) northeast of Baton Rouge Post Office.	(#)	1975-82	2-15-82	*9.86
07377940	Blackwater Bayou near Baton Rouge, LA.	Lat 30°32'06", long 91°04'53", East Baton Rouge Parish, at bridge on Hooper Road, 8.5 mi (13.7 km) northeast of Baton Rouge Post Office.	14.1	1962-82	1982	<45.6
07378008	Hurricane Creek at Baton Rouge, LA.	Lat 30°28'55", long 91°07'41", East Baton Rouge Parish, at bridge on East Brookstown Drive, 3.9 mi (6.3 km) northeast of Baton Rouge Post Office.	(#)	1967-82	1969 1970 1971 12- 5-71 5- 7-72 3-24-73 9-13-73 11- 6-73 4-30-75 1976 4-22-77 12- 1-77 4-22-79 3-29-80 1981 1982	k,<44.9 k,<44.9 k,<44.9 k,<44.9 k43.13 k43.05 k46.64 k44.99 k44.63 k,<42.9 k48.21 k43.45 k46.63 k46.76 k,<42.9 <42.9
07378010	Hurricane Creek near Baton Rouge, LA.	Lat 30°28'14", long 91°05'20", East Baton Rouge Parish, at bridge on Joor Road, 6.2 mi (10.0 km) northeast of Baton Rouge Post Office.	(#)	1962-82	1982	<40.6
07378015	Roberts Canal at Baton Rouge, LA.	Lat 30°30'22", long 91°07'31", East Baton Rouge Parish, at bridge on Silverleaf Ave., 5.3 mi (8.5 km) northeast of Baton Rouge Post Office.	(#)	1967, 1969-82	4-17-67 4-13-69 10-17-69 9-16-71 12- 5-71 3-24-73 4-16-73 11- 6-73 1975 8-11-82	b55.35 b54.04 b50.87 b52.12 b52.98 b53.73 b53.76 b53.76 b,<47.3 49.48
07378020	Roberts Canal near Baton Rouge, LA.	Lat 30°29'55", long 91°05'17", East Baton Rouge Parish, at bridge on Joor Road, 6.6 mi (10.6 km) northeast of Baton Rouge Post Office.	(#)	1962-82	1982	<40.9
07378075	Beaver Bayou at Denham Road, near Baton Rouge, LA.	Lat 30°35'15", long 91°01'29", East Baton Rouge Parish, at culvert 13.7 mi (22.0 km) northeast of Baton Rouge Post Office.	(#)	1972-82	2-15-82	*13.71
07378100	Beaver Bayou at Wax Road, near Baton Rouge, LA.	Lat 30°32'34", long 91°01'14", East Baton Rouge Parish, at culvert 11.8 mi (19.0 km) northeast of Baton Rouge Post Office.	9.49	1972-82	2-15-82	*13.90
07378595	Jones Creek at Airline Highway, at Baton Rouge, LA.	Lat 30°27'12", long 91°05'15", East Baton Rouge Parish, at culvert 5.1 mi (8.2 km) northeast of Baton Rouge Post Office.	(#)	1967-82	2-15-82 7- 8-82 8-15-82	45.18 45.40 46.50
07378600	Jones Creek at Florida Blvd., at Baton Rouge, LA.	Lat 30°27'21", long 91°04'29", East Baton Rouge Parish, at bridge 6.5 mi (10.5 km) east of Baton Rouge Post Office.	(#)	1962-82	2-15-82 7- 8-82 8-15-82	<38.7 40.87 38.91

See footnotes at end of the table.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982--Continued

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Flood peak	
					Date	Elevation, in feet (NGVD)
		Mississippi River Delta--Continued				
07378635	Lively Bayou northeast of Baton Rouge, LA.	Lat 30°28'14", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Road, 9.0 mi (14.5 km) east of Baton Rouge Post Office.	(#)	1967-82	4-14-67	b44.38
					5-24-68	b41.35
					4-13-69	b43.53
					10- 7-69	b42.66
					9-16-71	b35.80
					5- 7-72	b39.65
					9-13-73	b44.85
					1-20-74	b38.77
					2-15-82	37.20
					8-15-82	39.36
07378640	Lively Bayou east of Baton Rouge, LA.	Lat 30°27'40", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Road, 8.9 mi (14.3 km) east of Baton Rouge Post Office.	(#)	1967-82	4-14-67	b39.26
					5-24-68	b35.11
					4-13-69	b38.79
					10- 7-69	b39.09
					2-15-82	35.08
					8-15-82	<32.9
07378645	Lively Bayou southeast of Baton Rouge, LA.	Lat 30°26'47", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Road, 8.8 mi (14.2 km) southeast of Baton Rouge Post Office.	(#)	1967-82	4-14-67	b37.78
					5-24-68	b32.05
					4-13-69	b37.25
					10- 7-69	b32.84
					10- 2-75	k36.45
					9- 6-77	k39.68
					8-29-78	k37.97
					4-22-79	k36.56
					4-13-80	k36.51
					2-15-82	*30.73
					8-15-82	*31.53
07378650	Jones Creek at Old Hammond Hwy., near Baton Rouge, LA.	Lat 30°26'26", long 91°02'40", East Baton Rouge Parish, at bridge 8.4 mi (13.5 km) east of Baton Rouge Post Office.	(#)	1962-82	2-15-82	30.67
					7- 8-82	31.10
					8-15-82	30.60
07378670	Weiner Creek near Baton Rouge, LA	Lat 30°25'08", long 91°03'55", East Baton Rouge Parish, at bridge, on Stanley Aubin Drive, 7.3 mi (11.7 km) southeast of Baton Rouge Post Office.	(#)	1967-82	4-14-67	b43.33
					5-24-68	b41.31
					4-13-69	b43.06
					10- 7-69	b41.65
					9-16-71	b42.04
					5- 7-72	b42.93
					4-16-73	b42.55
					5-23-74	b42.75
					4-14-75	b42.92
					3-25-76	b43.71
					4-22-77	b41.83
					9- 6-77	b41.16
					5- 3-78	b43.62
					8-29-78	b43.53
					4-22-79	b42.31
					4-13-80	b42.89
					2-15-82	39.78
07378700	Jones Creek near Woodlawn School, near Baton Rouge, LA.	Lat 30°24'50", long 91°00'50", East Baton Rouge Parish, at bridge on Jones Creek Road, 1.6 mi (2.6 km) north of Woodlawn School, and 10.5 mi (16.9 km) east of Baton Rouge Post Office.	19.5	1967-82	4-14-67	b29.20
					1- 1-68	b17.62
					5-24-68	b18.31
					4-13-69	b27.47
					10- 7-69	b23.25
					2-15-82	21.19
					7- 8-82	15.63
					8-15-82	<14.6
07378710	Amite River near Baton Rouge, LA.	Lat 30°23'52", long 90°58'23", East Baton Rouge Parish, 0.2 mi (0.3 km) downstream from Jones Creek, and 13.0 mi (20.9 km) southeast of Baton Rouge Post Office.	(#)	1968-79, 1981-82	2-18-82	20.00
07378720	Clay Cut Bayou at Siegen Lane, near Baton Rouge, LA.	Lat 30°23'46", long 91°03'20", East Baton Rouge Parish, at bridge 7.9 mi (12.7 km) southeast of Baton Rouge Post Office.	(#)	1967-82	4-14-67	b29.97
					8-12-68	b29.01
					4-13-69	b29.98
					3- 3-76	b29.87
					2-15-82	21.48
					4-20-82	22.16
07378725	Clay Cut Bayou near Hope Villa, LA.	Lat 30°22'23", long 90°58'10", East Baton Rouge Parish, at bridge on Tiger Bend Road, 2.3 mi (3.7 km) northeast of Hope Villa.	(#)	1967-82	4-16-67	b25.71
					1968	b,<12.6
					4-13-69	b20.04
					2-15-82	15.41
					4-20-82	10.83

See footnotes at end of the table.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982--Continued

Station No.	Station name	Location	Drainage area (mi²)	Period of record	Flood peak Date	Flood peak Elevation, in feet (NGVD)
		Mississippi River Delta--Continued				
07378780	Bayou Fountain at Ben Hur Road, at Baton Rouge, LA.	Lat 30°23'30", long 91°09'36", East Baton Rouge Parish, at bridge 4.2 mi (6.8 km) southeast of Baton Rouge Post Office.	(*)	1962-82	1982	17.3
07378788	Elbow Bayou at Baton Rouge, LA.	Lat 30°21'27", long 91°10'20", East Baton Rouge Parish, at bridge on Ben Hur Road, and 6.3 mi (10.1 km) southeast of Baton Rouge Post Office.	(*)	1981-82a	2-15-82 2-16-82	15.59 15.64
07378790	Elbow Bayou tributary at Baton Rouge, LA.	Lat 30°22'29", long 91°10'08", East Baton Rouge Parish, at bridge on Ben Hur Road, and 5.3 mi (8.5 km) southeast of Baton Rouge Post Office.	(*)	1967-75, 1981-82a	2-15-82 2-16-82	16.79 15.13
07378792	Elbow Bayou near Baton Rouge, LA.	Lat 30°22'09", long 91°09'27", East Baton Rouge Parish, at bridge on State Highway 30, and 5.8 mi (9.3 km) southeast of Baton Rouge Post Office.	(*)	1981-82a	2-15-82 2-16-82	16.75 16.75
07378800	Bayou Fountain at Gardere Lane, near Baton Rouge, LA.	Lat 30°21'52", long 91°07'16", East Baton Rouge Parish, at bridge 6.9 mi (11.1 km) southeast of Baton Rouge Post Office.	(*)	1962-66, 1969-82	4-13-69 2-15-82	b15.18 13.00
07378805	Bayou Fountain tributary near Baton Rouge, LA.	Lat 30°21'00", long 91°04'54", East Baton Rouge Parish, at culvert on Highland Road, 9.1 mi (14.6 km) southeast of Baton Rouge Post Office.	(*)	1967-82	1982	b, 4.7
07379000	Ward Creek at Government Street, at Baton Rouge, LA.	Lat 30°26'40", long 91°08'35", East Baton Rouge Parish, on downstream end of culvert on Government Street, and 2.4 mi (3.9 km) east of Baton Rouge Post Office.	4.04	1954-67j, 1969-73, 1975-82a	4-13-69 10- 7-70 9-16-71 5- 7-72 9-13-73 11- 5-74 4-14-75 6-28-76 9- 5-77 7-27-78 4-21-79 4-13-80 10-18-80 2-15-82 4-21-82 8-11-82	k44.49 k40.77 k41.71 k42.86 k43.52 k41.85 k41.82 k41.14 k40.65 k40.82 k40.07 k41.62 k37.83 36.14 36.76 36.76
07379010	Ward Creek at College Drive, at Baton Rouge, LA.	Lat 30°26'08", long 91°07'59", East Baton Rouge Parish, at bridge 3.5 mi (5.6 km) southeast of Baton Rouge Post Office.	(*)	1970-82	4-13-69 10- 7-69 1982	k40.26 k36.54 32.7
07379050	Ward Creek at Essen Lane, near Baton Rouge, LA.	Lat 30°24'17", long 91°06'12", East Baton Rouge Parish, at bridge 5.7 mi (9.2 km) southeast of Baton Rouge Post Office.	(*)	1963-70, 1975-82	2-16-82 4-21-82 8-11-82	21.61 19.81 16.9
07379090	North Branch Ward Creek at Goodwood Blvd., at Baton Rouge, LA.	Lat 30°26'34", long 91°05'57", East Baton Rouge Parish, at bridge 5.5 mi (8.9 km) southeast of Baton Rouge Post Office.	(*)	1968-82	4-13-69 10- 7-69 3- 3-70 5-17-82	b38.36 38.32 36.04 36.86
07379100	North Branch Ward Creek at Baton Rouge, LA.	Lat 30°25'04", long 91°05'29", East Baton Rouge Parish, at bridge on Jefferson Highway, 5.9 mi (9.5 km) southeast of Baton Rouge Office.	(*)	1962-82	1982	28.4
07379400	Dawson Creek at Perkins Road, at Baton Rouge, LA.	Lat 30°24'37", long 91°07'53", East Baton Rouge Parish, 4.1 mi (6.6 km) southeast of Baton Rouge Post Office.	(*)	1962-82	1982	20.6

See footnotes at end of the table.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982--Continued

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Flood peak Date	Flood peak Elevation, in feet (NGVD)
		Mississippi River Delta--Continued				
07379502	Corporation Canal at Oklahoma St., at Baton Rouge, LA.	Lat 30°26'05", long 91°11'12", East Baton Rouge Parish, at bridge 1.0 mi (1.6 km) south of Baton Rouge Post Office.	.56	1971-82	10-27-70	k26.07
					5- 7-72	k27.99
					3-24-73	k28.71
					11- 5-73	k28.07
					4-14-75	k28.43
					5-10-76	k28.14
					4-22-77	k27.40
					10-11-77	k27.74
					4-22-79	k26.82
					4-13-80	k23.85
					6-10-81	k23.99
					2-15-82	21.98
					7-17-82	23.66
07379503	Corporation Canal at East Roosevelt St., at Baton Rouge, LA.	Lat 30°25'18", long 91°10'36", East Baton Rouge Parish, at bridge 2.0 mi (3.2 km) southeast of Baton Rouge Post Office.	ml.31	1971-82	10-27-70	k22.36
					5- 7-72	k22.86
					3-24-73	k21.47
					11- 5-73	k22.79
					4-14-75	k23.03
					5-10-76	k22.71
					4-22-77	k23.11
					10-11-77	k23.05
					4-22-79	k22.90
					4-13-80	k23.69
					6-10-81	k21.69
					2-15-82	21.14
					7-17-82	22.42
07379505	Corporation Canal at Chimes St., at Baton Rouge, LA.	Lat 30°25'02", long 91°10'22", East Baton Rouge Parish, at bridge 2.4 mi (3.9 km) southeast of Baton Rouge Post Office.	ml.44	1971-82	10-27-70	k22.12
					5- 7-72	k22.41
					4-16-73	k22.43
					11- 6-73	k22.51
					4-14-75	k22.63
					5-10-76	k22.66
					4-22-77	k22.08
					5- 3-78	k22.26
					4-22-79	k22.48
					4-13-80	k23.03
					6-10-81	k20.97
					2-15-82	20.51
					7-17-82	20.78
07379507	Corporation Canal at Campus Drive, at Baton Rouge, LA.	Lat 30°24'14", long 91°10'15", East Baton Rouge Parish, at bridge 2.7 mi (4.3 km) southeast of Baton Rouge Post Office.	1.64	1971-82	10-27-70	(unknown)
					5- 7-72	k21.16
					4-17-73	k21.47
					11- 5-73	k20.13
					4-14-75	k21.14
					5-10-76	k20.42
					4-22-77	k21.31
					5- 3-78	k20.40
					4-22-79	k22.38
					4-13-80	k19.76
					6-10-81	k19.08
					2-15-82	18.79
					7-17-82	18.77
07379508	Corporation Canal at Stanford Ave., at Baton Rouge, LA.	Lat 30°24'24", long 91°09'52", East Baton Rouge Parish, at culvert 3.2 mi (5.1 km) southeast of Baton Rouge Post Office.	2.43	1971-82	10-27-70	k18.50
					5- 7-72	k19.95
					3-24-73	k21.31
					3-26-74	k19.43
					4-14-75	k20.54
					5-10-76	k18.73
					9- 6-77	k21.85
					7-27-78	k20.24
					4-22-79	k22.38
					4-13-80	k21.59
					5- 5-81	k18.55
					2-15-82	16.96
					7-17-82	15.91
07379550	Bayou Duplantier at Lee Drive, at Baton Rouge, LA.	Lat 30°24'05", long 91°09'09", East Baton Rouge Parish, at bridge 3.8 mi (6.1 km) south of Baton Rouge Post Office.	(#)	1962-70 1971-82a	2-16-82	13.20
07379950	Dawson Creek at Staring Lane, near Baton Rouge, LA.	Lat 30°23'19", long 91°06'42", East Baton Rouge Parish, at bridge 6.0 mi (9.7 km) southeast of Baton Rouge Post Office.	(#)	1962-82	1982	<19.9

See footnotes at end of the table.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982--Continued

					Flood peak	
Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Date	Elevation, in feet (NGVD)
		Mississippi River Delta--Continued				
07380000	Ward Creek at Siegen Lane, near Baton Rouge, LA.	Lat 30°22'30", long 91°04'10", East Baton Rouge Parish, at bridge 0.5 mi (0.8 km) downstream from Dawson Creek, and 8.5 mi (13.7 km) southeast of Baton Rouge Post Office.	40.0	1947-53j, 1955-68f, 1972-82a	2-16-82 4-21-82 8-11-82	14.91 12.60 <7.8
07380103	Muddy Creek at Prairieville, LA.	Lat 30°18'21", long 90°57'33", Ascension Parish, at bridge on unnumbered parish road, and 0.8 mi (1.3 km) northeast of Prairieville.	(*)	1980-82a	5-19-80 3-22-82	b19.59 19.25
07380104	Muddy Creek tributary near Prairieville, LA.	Lat 30°18'24", long 90°56'51", Ascension Parish, at bridge on Tillotson Road, and 1.5 mi (2.4 km) northeast of Prairieville.	(*)	1980-82	5-19-80 6-11-81 3-22-82	b19.89 k19.72 19.59
07380106	Muddy Creek near Oak Grove, LA.	Lat 30°19'44", long 90°57'15", Ascension Parish, at bridge on State Highway 42, and 1.3 mi (2.1 km) east of Oak Grove.	(*)	1981-82	5-19-80 6-11-81 3-22-82	b18.04 b17.57 17.28
07380122	Henderson Bayou near Duplessis, LA.	Lat 30°18'05", long 90°54'17", Ascension Parish, at bridge on Parish Road 932, and 3.6 mi (5.8 km) northeast of Duplessis.	(*)	1981-82	3-28-80 5-19-80 3-22-82	b12.47 b12.32 12.07
07380123	Henderson Bayou tributary near Duplessis, LA.	Lat 30°17'55", long 90°54'37", Ascension Parish, at bridge on unnumbered parish road, and 2.4 mi (3.9 km) northeast of Duplessis.	(*)	1981-82	3-28-80 5-19-80 3-22-82	b16.23 b16.63 16.35
07380124	Henderson Bayou tributary at Galvez, near Duplessis, LA.	Lat 30°18'11", long 90°54'18", Ascension Parish, at bridge on Parish Road 932, 0.2 mi (0.3 km) north of Galvez, and 3.0 mi (4.8 km) northeast of Duplessis.	(*)	1981-82	3-28-80 5-19-80 3-22-82	b12.43 b12.54 11.68
07380125	Henderson Bayou tributary No. 2 near Duplessis, LA.	Lat 30°17'55", long 90°53'55", Ascension Parish, at bridge on unnumbered parish road, and 3.2 mi (5.1 km) northeast of Duplessis.	(*)	1981-82	3-28-80 5-19-80 3-22-82	b11.89 b11.92 11.05
07380126	Henderson Bayou near Port Vincent, LA.	Lat 30°17'50", long 90°53'01", Ascension Parish, at bridge on Henderson River Road, and 3.1 mi (5.0 km) southwest of Port Vincent.	(*)	1981-82a	3-22-82	*15.39
07380223	New River at Gonzales, LA.	Lat 30°14'12", long 90°54'43", Ascension Parish, at bridge on U.S. Highway 61, 0.5 mi (0.8 km) northeast of Gonzales water tower.	(*)	1963-82	1982	<7.8
073802238	Black Bayou near Prairieville, LA.	Lat 30°17'55", long 90°56'16", Ascension Parish, at bridge on unnumbered parish road, and 2.0 mi (3.2 km) east of Prairieville.	(*)	1980-82	5-19-80 3-22-82	b16.81 16.79
073802239	Black Bayou northeast of Duplessis, LA.	Lat 30°17'03", long 90°55'34", Ascension Parish, at bridge on Parish Road 931, and 1.2 mi (1.9 km) northeast of Duplessis.	(*)	1980-82	5-19-80 3-22-82	b13.86 13.05
07380224	Black Bayou near Duplessis, LA.	Lat 30°16'36", long 90°55'16", Ascension Parish, at bridge on State Highway 44, and 1.2 mi (1.9 km) northeast of Duplessis.	(*)	1965-70j, 1981-82	5-19-80 6-11-81 8-30-81 3-22-82	b11.55 k10.25 k11.13 10.45

See footnotes at end of the table.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1982--Continued

					Flood peak	
Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Date	Elevation, in feet (NGVD)
		Mermentau River basin				
07380226	Bayou Francois near Gonzales, LA.	Lat 30°13'57", long 90°56'49", Ascension Parish, at bridge on State Highway 429, 1.8 mi (2.9 km) west of Gonzales water tower.	(#)	1963-82	1971 5- 7-72 3-24-73 1975 1976 1982	b,<6.5 b7.92 b7.78 b,<6.5 b,<6.5 <6.5
07380227	Bayou Francois at Gonzales, LA.	Lat 30°13'35", long 90°55'14", Ascension Parish, at bridge on State Highway 44, 0.4 mi (0.6 km) southwest of Gonzales water tower.	(#)	1963-82	1982	<7.4
08011000	Bayou Plaquemine Brule near Crowley, LA.	Lat 30°14'09", long 92°23'44", Acadia Parish, at bridge on State Highway 100, and 1.8 mi (2.9 km) northwest of Crowley.	254	1943-47j, 1966-74, 1975-79a, 1980-82	1982	e9.4
08012431	East Bayou Lacassine at Welsh, LA.	Lat 30°13'50", long 92°49'15", Jefferson Davis Parish, at bridge on unnumbered parish road, 0.6 mi (1.0 km) south of Welsh.	(#)	1979-82	5-16-82	*16.21
08012436	Bayou Grand Marais near Jennings, LA.	Lat 30°13'53", long 92°41'25", Jefferson Davis Parish, at bridge on U.S. Highway 90, and 2.0 mi (3.2 km) west of Jennings.	(#)	1979-82	9-14-82	*13.06
08012445	Bayou Chene near Welsh, LA.	Lat 30°09'24", long 92°46'06", Jefferson Davis Parish, at bridge on unnumbered parish road, 6.0 mi (9.7 km) southeast of Welsh.	106	1969-82	5-16-82	*17.66

* Gage datum; NGVD of gage not determined.
# Drainage area not determined.
a Continuous water-stage recorder.
b Not previously published at present datum.
c May have been higher during period of bridge construction.
d Different datum than present; records not comparable.
e Gage datum (not NGVD) and less than value shown.
f Operated as a crest-stage partial-record station.
g No record prior to April 1982.
h Including Pretty Creek.
j Operated as a continuous-record gaging station.
k Corrected; figure previously published found in error.
m Approximately.

DISCHARGE MEASUREMENTS MADE AT MISCELLANEOUS SITES DURING WATER YEAR 1982

Stream	Tributary to	Location	Drainage area (mi^2)	Measured previously (water years)	Measurements	
					Date	Discharge (ft^3/s)
		Mississippi River main stem				
Mississippi River	Gulf of Mexico	Lat 30°29'29", long 91°11'50", East Baton Rouge-West Baton Parish line, 1.0 mi (1.6 km) downstream from U.S. Highway 190 bridge, and at Baton Rouge, LA.	*1,125,810	1941-58a, 1973-76, 1979-81	6-30-82	700,000
		Mississippi River Delta				
Amite River	Lake Maurepas	Lat 30°44'10", long 90°50'30", East Feliciana-St. Helena Parish line, at bridge on State Highway 37, and 0.5 mi (0.8 km) southwest of Grangeville, LA.	741	1951-63b, 1964-77c	8-10-82 9- 9-82	802 302
Do......	.....do.....	Lat 30°19'57", long 90°51'07", Livingston Parish, at bridge on State Highway 42 at Port Vincent, LA, and 0.5 mi (0.8 km) downstream from Grays Creek.	1,596	1951d	7-14-82 8-10-82 9-10-82	713 1,460 760
Tangipahoa River	Lake Pontchartrain	Lat 30°46'30", long 90°29'53", Tangipahoa Parish, at bridge on State Highway 10, and 0.7 mi (1.1 km) east of Arcola, LA.	381	1969d,	7-13-82 8- 9-82 9- 9-82	477 364 238

* Owing to interchange of flow between basins, drainage area is arbitrarily determined.
a Operated as a continuous-record gaging station.
b Operated as a crest-stage partial-record station.
c Operated as a flood-profile partial-record station.
d Unpublished records on file in district office.

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

LOWER MISSISSIPPI RIVER DELTA

291620089210200 MISSISSIPPI RIVER AT THE JUMP, AT VENICE, LA (CE 01500)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	TEMPER- ATURE (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
APR			
23...	1115	15.0	50
25...	0730	17.0	42
28...	0700	17.0	48
29...	1000	17.0	47
MAY			
03...	1500	19.0	55
05...	1515	19.0	28
07...	1530	20.0	30
10...	1420	20.0	24
12...	0745	20.0	30
12...	1445	21.0	27
17...	1430	21.0	33
19...	1435	21.0	30
21...	0700	22.0	45
24...	1500	24.0	36
25...	0730	24.0	35
27...	1100	25.0	44
28...	0715	25.0	46
JUN			
01...	1000	25.0	48
02...	1100	25.0	45
03...	1500	26.0	44
07...	0700	27.0	46
08...	0930	27.0	46
09...	1000	--	48
10...	0630	27.0	55
14...	1230	26.0	34
15...	1600	26.0	42
16...	1200	26.0	42
17...	1230	25.0	34
18...	1430	25.0	33
21...	1430	26.0	39
23...	1500	26.0	36
24...	1400	25.0	39
25...	1100	25.0	42
28...	1330	29.0	34
30...	1130	25.0	32
JUL			
01...	0700	25.0	34
07...	1605	28.0	36
08...	1430	27.0	35
09...	1545	28.0	36
12...	1315	28.0	40
13...	1450	28.0	38
14...	1300	29.0	39
15...	1200	31.0	40
19...	1400	29.0	44
20...	1830	28.0	36
21...	1105	29.0	35
23...	1250	28.0	55
26...	1445	29.0	34
27...	1130	29.0	33
28...	1415	29.0	34
29...	1430	31.0	45
30...	1115	31.0	40

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LOWER MISSISSIPPI RIVER DELTA

291620089210200 MISSISSIPPI RIVER AT THE JUMP, AT VENICE, LA (CE 01500)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	TEMPER-ATURE (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG			
01...	1115	31.0	34
03...	1512	28.0	34
04...	1535	30.0	36
05...	1444	24.0	36
06...	1410	30.0	34
10...	1200	24.0	30
11...	1000	23.0	37
12...	1415	24.0	44
13...	1420	24.0	34
16...	1000	24.0	47
17...	0900	24.0	38
18...	0900	24.0	35
20...	1600	29.0	36
24...	1400	30.0	25
27...	1000	27.0	42
31...	1400	31.0	34
SEP			
01...	1335	30.0	40
02...	1040	29.0	40
07...	1130	24.0	120
08...	1330	28.0	130
09...	1400	28.0	120
14...	1300	23.0	35
15...	1430	24.0	30
16...	1345	27.0	30
17...	1430	27.0	28
20...	1440	27.0	31
21...	1200	27.0	30
22...	1400	26.5	33
23...	0930	25.0	28
24...	1030	27.0	44

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

07381468 BAYOU BOEUF AT U.S. HIGHWAY 190, AT AMELIA, LA (CE 52800)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	TEMPER-ATURE (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT			
14...	0735	26.0	39
19...	0800	21.0	37
26...	0735	20.0	56
NOV			
02...	0805	21.0	48
09...	0750	14.0	81
16...	0100	18.5	77
23...	0805	16.5	64
DEC			
07...	0755	16.0	54
21...	0750	10.0	52
JAN			
04...	0750	15.0	48
15...	0755	16.0	37
25...	0800	13.0	44
FEB			
01...	0735	11.5	42
08...	0815	--	34
22...	0810	18.0	36
MAR			
08...	0805	12.0	30
22...	0705	22.0	38
29...	0720	19.0	28
APR			
05...	0750	18.0	28
12...	0810	22.0	81
19...	0805	23.0	62
MAY			
03...	0740	23.0	56
17...	0740	24.0	28
24...	0730	27.0	36
JUN			
21...	0745	--	43
28...	1015	28.0	42
JUL			
12...	0845	29.0	36
19...	0745	29.0	36
26...	0800	29.0	40
AUG			
02...	0750	29.0	34
10...	0800	--	34
23...	1030	27.0	36
30...	0745	29.0	28
SEP			
13...	0740	27.0	30
20...	0800	28.0	27

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

07385800 BAYOU TECHE NEAR FRANKLIN, LA (CE 64543)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	TEMPER-ATURE (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT			
06...	1010	26.5	46
11...	0925	22.0	100
15...	1050	26.5	38
20...	0910	21.5	43
29...	0850	28.5	42
NOV			
04...	0835	29.0	84
17...	0950	18.0	80
24...	0935	17.0	56
DEC			
09...	0835	15.0	57
15...	1015	15.0	52
JAN			
05...	0930	13.0	46
14...	0910	5.0	40
18...	1010	5.0	32
26...	1035	9.0	33
FEB			
09...	1105	9.0	38
17...	0845	13.0	44
23...	1015	16.5	29
MAR			
03...	0905	--	24
10...	0830	12.0	29
18...	0830	19.5	26
23...	0955	18.0	36
31...	0835	17.0	28
APR			
07...	0855	18.0	30
21...	0905	22.0	21
27...	0915	21.0	26
MAY			
05...	0815	24.0	25
11...	0930	24.0	24
19...	0945	28.0	24
25...	0925	25.0	30
JUN			
02...	0830	26.0	47
09...	0915	29.0	42
16...	0845	28.0	40
22...	0940	30.0	38
30...	0810	29.0	26
JUL			
07...	1000	30.0	40
14...	0925	29.0	39
21...	0820	29.0	39
27...	0930	30.0	31
AUG			
11...	0845	29.0	26
17...	0940	28.0	28
25...	0825	30.0	30
31...	0920	30.0	28
SEP			
09...	0810	28.0	29
14...	0945	28.0	26
22...	0820	25.0	24
29...	0800	25.0	22

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

294508091234100 BAYOU TECHE AT VERDUNVILLE, LA (CE 64563)
(Formerly published as 294520091232300 Bayou Teche at Verdunville, LA (CE 64563))

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	TEMPERATURE (DEG C)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT			
06...	0930	26.5	41
13...	0910	26.5	44
20...	0940	21.0	50
27...	1030	28.5	60
NOV			
03...	0920	24.0	82
07...	0920	18.0	82
10...	0920	17.0	100
24...	1700	17.0	54
DEC			
08...	0950	16.0	52
15...	0925	14.0	52
22...	0930	12.0	40
JAN			
05...	0900	12.0	37
14...	0840	5.5	41
18...	0940	5.0	34
26...	1005	9.0	32
FEB			
02...	0850	8.0	35
04...	1030	9.0	29
16...	0930	13.0	34
MAR			
03...	0845	--	24
09...	1000	11.0	25
16...	0925	16.5	22
APR			
06...	0950	20.0	32
13...	0910	19.0	28
20...	1000	20.0	26
27...	0850	21.0	24
MAY			
04...	0900	24.0	22
19...	1150	25.0	24
25...	0925	27.0	25
JUN			
08...	1000	29.0	45
15...	0930	28.0	43
22...	0920	29.0	40
29...	0955	28.0	23
JUL			
07...	0930	29.0	40
14...	0910	29.0	43
20...	0900	29.0	40
27...	0915	29.0	34
AUG			
03...	0930	29.0	28
10...	0855	29.0	26
17...	0920	29.0	30
24...	0950	29.0	31
31...	0850	29.0	30
SEP			
07...	0900	29.0	28
14...	0910	27.0	22
21...	0930	27.0	22
28...	0945	24.0	23

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

07385900 BAYOU TECHE NEAR PATTERSON, LA (CE 64800)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	TEMPERATURE (DEG C)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT			
06...	0820	28.0	36
13...	0820	28.0	38
20...	0830	24.0	42
27...	0930	30.0	56
NOV			
10...	0805	19.0	70
13...	0820	21.0	41
17...	0825	19.0	80
24...	0800	18.5	80
DEC			
08...	0845	18.0	76
15...	0835	14.5	64
22...	0825	22.5	59
JAN			
05...	0815	15.0	48
14...	0800	5.0	39
18...	0830	5.0	30
26...	0955	9.0	35
FEB			
02...	0830	8.0	30
16...	0810	12.0	32
23...	0835	16.0	29
MAR			
03...	0745	9.5	25
09...	0820	15.0	29
16...	0830	17.0	31
23...	0815	18.0	28
30...	0800	19.0	30
APR			
06...	0845	20.0	31
13...	0815	20.0	34
20...	0840	23.0	30
27...	0810	22.0	32
MAY			
04...	0800	25.5	30
11...	1100	25.0	30
18...	0930	26.0	36
25...	0850	29.0	29
JUN			
01...	0950	27.0	47
08...	1215	28.0	48
15...	0830	30.0	46
22...	0820	30.0	45
29...	0835	27.0	36
JUL			
07...	0840	31.0	44
14...	0810	30.0	45
20...	0820	29.0	43
27...	0820	29.0	42
AUG			
03...	0815	29.0	39
10...	0800	29.0	34
17...	0745	29.0	34
24...	0845	30.0	30
31...	0805	31.0	34
SEP			
07...	0830	29.0	29
14...	0820	29.0	28
21...	0835	28.0	26
28...	0845	26.0	32

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

293827091192200 INTRACOASTAL WATERWAY AT WAX LAKE (EAST) CONTROL STRUCTURE, NEAR PATTERSON, LA (CE 76440)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	TEMPER-ATURE (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT			
06...	1230	28.0	41
09...	1300	22.0	47
13...	1100	26.0	42
22...	1120	19.0	49
NOV			
03...	1020	28.0	83
10...	1135	18.0	110
17...	1250	17.5	84
24...	1245	16.5	60
DEC			
08...	1130	15.0	54
15...	1110	12.5	57
22...	1400	11.0	40
JAN			
05...	1120	10.5	45
14...	--	5.0	48
18...	1205	5.0	36
26...	1230	7.0	50
FEB			
02...	1205	8.0	31
09...	1245	8.0	42
16...	1030	8.5	36
23...	1235	11.0	21
MAR			
03...	1205	11.0	39
09...	1104	--	20
16...	1035	14.0	25
23...	1140	15.0	30
30...	1030	15.0	36
APR			
06...	1140	15.0	36
13...	1030	16.0	28
27...	1030	18.5	22
MAY			
04...	1100	21.0	26
11...	1135	22.0	28
18...	1110	21.0	40
JUN			
01...	1130	27.0	52
09...	1045	27.0	44
22...	1105	28.0	42
29...	1200	27.0	40
JUL			
07...	1100	30.0	40
14...	1155	30.0	44
20...	1010	29.0	42
27...	1230	30.0	49
AUG			
03...	1035	29.0	34
10...	1035	29.0	31
17...	1030	29.0	39
24...	1130	30.0	35
31...	1250	32.0	32
SEP			
07...	1040	29.0	31
14...	1045	27.0	34
21...	1105	28.0	26
28...	1150	26.0	30

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

294022091265500 WAX LAKE (WEST) DRAINAGE AREA AT CONTROL STRUCTURE, NEAR PATTERSON, LA (CE 76520)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	TEMPER-ATURE (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT			
06...	1200	28.0	44
13...	1020	26.0	42
19...	1235	22.0	50
24...	1225	19.5	81
27...	1100	19.0	45
NOV			
03...	1100	28.0	83
10...	1120	18.0	110
24...	1220	17.0	58
DEC			
09...	1050	15.0	56
15...	1040	--	60
22...	1530	11.5	42
JAN			
05...	1050	10.0	44
14...	1050	5.0	50
19...	1135	9.0	32
26...	1155	8.0	49
FEB			
02...	1130	8.0	35
09...	1225	9.0	40
16...	1000	--	34
23...	1200	10.5	28
MAR			
03...	1130	11.0	38
09...	1100	--	21
16...	1000	13.5	24
23...	1100	15.0	30
30...	0945	15.0	32
APR			
06...	1110	16.0	40
13...	0950	16.0	25
20...	1050	18.0	25
27...	1015	19.0	22
MAY			
04...	1020	20.0	24
11...	1005	21.0	24
19...	1300	22.0	36
25...	1015	25.0	32
JUN			
01...	1055	26.0	56
09...	1005	29.0	46
15...	1035	26.0	48
22...	1015	28.0	45
28...	1100	27.0	36
JUL			
07...	1030	29.0	29
14...	1120	30.0	42
20...	1040	29.0	40
27...	1155	29.0	48
AUG			
03...	1000	29.0	31
10...	1000	29.0	31
17...	1050	29.0	34
24...	1035	30.0	32
31...	1245	32.0	34
SEP			
07...	1000	29.0	34
14...	1015	27.0	24
21...	1000	25.0	26
28...	1040	27.0	23

MERMENTAU RIVER BASIN

08012420 MERMENTAU RIVER AT LACASSINE REFUGE, NEAR LOWRY, LA (CE 70600)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	TEMPER- ATURE (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT			
05...	0730	27.0	46
13...	0700	24.0	32
19...	0700	23.0	31
27...	0700	18.0	90
NOV			
02...	0700	19.0	56
09...	0700	20.0	31
16...	0700	19.0	39
23...	0700	18.0	38
30...	0700	22.0	60
DEC			
06...	0700	16.0	84
14...	0700	15.0	94
21...	0700	14.0	73
JAN			
11...	0700	8.0	40
18...	0700	8.0	22
25...	0700	14.0	26
FEB			
01...	0850	14.0	26
08...	0700	9.0	24
16...	0700	14.0	24
22...	0700	17.0	15
MAR			
02...	0700	--	16
08...	0700	13.0	14
15...	0715	22.0	18
22...	0700	23.0	28
29...	0700	23.0	54
APR			
05...	0700	20.0	54
12...	0700	18.0	34
19...	0700	23.0	16
26...	0700	19.0	30
MAY			
03...	0700	22.0	23
10...	0700	24.0	22
17...	0700	25.0	20
24...	0700	26.0	20
JUN			
09...	0700	31.0	31
14...	0700	30.0	46
21...	0700	29.0	25
28...	0700	29.0	25
JUL			
08...	0700	30.0	26
20...	1100	30.0	24
26...	0700	32.0	24
AUG			
01...	0700	30.0	30
09...	0700	30.0	35
16...	0700	31.0	24
24...	0700	31.0	23
30...	0700	32.0	20
SEP			
07...	0700	30.0	28
13...	0700	28.0	18
27...	0700	24.0	16

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CALCASIEU RIVER BASIN

08017016 HOUSTON RIVER EAST OF BUHLER, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (UMHOS)
OCT				
22...	1130	1.00	23.0	453
22...	1135	10.0	23.0	445
22...	1140	20.0	22.5	9880
NOV				
10...	1230	1.00	16.0	878
10...	1235	10.0	16.0	1125
10...	1240	20.0	16.5	3630
DEC				
16...	1520	1.00	12.5	49
16...	1525	10.0	12.5	48
16...	1530	20.0	12.5	48
JAN				
07...	1115	1.00	--	45
07...	1120	10.0	--	43
07...	1125	20.0	--	45
FEB				
18...	1400	1.00	17.0	41
18...	1405	10.0	17.0	39
18...	1410	20.0	17.0	39
MAR				
16...	1230	1.00	21.5	75
16...	1235	10.0	15.0	68
16...	1240	20.0	13.5	72
APR				
08...	1010	1.00	20.0	62
08...	1015	10.0	20.0	62
08...	1020	20.0	20.0	62
MAY				
17...	1230	1.00	22.0	23
17...	1235	10.0	21.0	23
17...	1240	20.0	20.0	21
JUN				
07...	1105	10.0	29.0	58
07...	1110	20.0	29.0	56
JUL				
09...	0955	1.00	--	49
09...	1000	10.0	--	49
09...	1005	20.0	--	48
AUG				
05...	1100	20.0	--	125
05...	1105	10.0	--	153
05...	1110	1.00	--	148
SEP				
10...	1045	1.00	30.0	250
10...	1050	10.0	30.0	234
10...	1055	20.0	30.0	260

POTAMOLOGICAL STUDY

The following water-quality sites are being sampled as part of a potamological study on a distributary of the lower Mississippi River in cooperation with the Louisiana Department of Transportation and Development, Office of Public Works.

292141089174800 BAPTISTE COLLETTE (MAIN PASS) AT BRETON SOUND 6.9 MILES NORTHEAST OF VENICE, LA

WATER-QUALITY DATA, OCTOBER 1981 TO FEBRUARY 1982

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (FTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 21...	1400	5320	7.9	23.0	5	10	7.6	97	.6	250	K190	K140
FEB 01...	1330	812	7.8	5.5	10	10	12.7	10	2.2	4200	460	1500

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)
OCT 21...	630	71	110	900	33	138	320	1600	.5	1.8	3190	3120
FEB 01...	170	39	18	100	6.1	97	57	150	.3	8.0	442	436

DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)
OCT 21...	27	--	<.01	--	.87	.06	--	.36	.11	.09	2	1
FEB 01...	108	1.5	.03	1.5	1.4	.16	1.2	1.2	.16	.14	1	0

DATE	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)
OCT 21...	<10	<10	<1	<1	10	<1	9	5	40	3	2	.1
FEB 01...	<10	<1	1	<1	20	<1	13	9	78	7	2	.2

DATE	MERCURY DISSOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L)
OCT 21...	.1	3	1	<1	<1	80	10	6.0	<.01	<1	1
FEB 01...	.6	10	5	<1	<1	30	6	4.9	<.01	<1	--

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

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POTAMOLOGICAL STUDY--Continued

292141089174800 BAPTISTE COLLETTE (MAIN PASS) AT BRETON SOUND 6.9 MILES NORTHEAST OF VENICE, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO FEBRUARY 1982

DATE	SOLIDS, VOLATILE IN BOTTOM MATERIAL (MG/KG)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)
OCT										
21...	35500	--	--	--	--	--	--	--	--	--
21...	35600	--	--	--	--	--	--	--	--	--
21...	39300	--	--	--	--	--	--	--	--	--
FEB										
01...	53700	4	<1	7	7	5700	<10	500	<.01	23
01...	73200	6	<1	9	10	7100	10	560	<.01	33
01...	43800	4	<1	6	7	5500	<10	470	<.01	21

DATE	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT												
21...	<.10	8	<.10	<1.0	<.001	<.1	<.10	4.0	<.001	2.4	<.001	<.1
FEB												
01...	<.10	13	<.10	<1.0	<.001	<.1	<.10	4.0	<.001	2.1	.002	3.4

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT												
21...	<.001	.2	.02	<.1	.002	1.4	<.001	<.1	.009	<.1	<.01	<.1
FEB												
01...	.001	<.1	<.01	<.1	<.001	<.1	<.001	<.1	<.001	<.1	<.01	<.1

DATE	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)
OCT										
21...	.002	<.1	<.001	<.1	<.001	<.1	<.01	<.1	<.01	<.1
FEB										
01...	<.001	<.1	<.001	<.1	<.001	<.1	<.01	<.1	<.01	<.1

DATE	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)
OCT									
21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01
FEB									
01...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	PERTHANE IN BOTTOM MATERIL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT									
21...	<.10	<.1	<1.0	<.01	<.1	<.01	<.01	<.01	<.01
FEB									
01...	<.10	<.1	<1.0	<.01	<.1	.01	<.01	.01	<.01

< Actual value is known to be less than the value shown.

POTAMOLOGICAL STUDY--Continued

291900089184500 KIMBEL PASS (NEAR MAIN PASS) 3.9 MILES NORTHEAST OF VENICE, LA

WATER-QUALITY DATA, OCTOBER 1981 TO FEBRUARY 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 21...	1430	2930	7.8	23.5	5	5.0	7.6	32	1.1	340	220	K150
FEB 01...	1425	387	7.2	5.0	15	65	12.7	<10	2.6	K2200	680	1400

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)
OCT 21...	420	62	65	460	18	138	180	800	.5	.5	1740	1670
FEB 01...	130	37	10	23	3.1	97	40	29	.4	7.4	227	208

DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)
OCT 21...	10	.80	.03	.83	.84	.02	.68	.45	.12	.14	1	1
FEB 01...	98	1.5	.02	1.5	1.5	.16	--	.69	.16	.10	1	2

DATE	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)
OCT 21...	<10	<10	<1	<1	10	<1	13	8	40	3	2	.1
FEB 01...	<10	<1	<1	1	20	<1	14	11	42	4	<1	.2

DATE	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)
OCT 21...	.1	4	2	<1	<1	--	50	10	3.7	<.01	<1	<1
FEB 01...	.5	8	<1	<1	<1	1.0	30	7	6.1	<.01	1	--

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

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POTAMOLOGICAL STUDY--Continued

291900089184500 KIMBEL PASS (NEAR MAIN PASS) 3.9 MILES NORTHEAST OF VENICE, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO FEBRUARY 1982

DATE	SOLIDS, VOLATILE IN BOTTOM MATERIAL (MG/KG)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)
OCT										
21...	18300	--	--	--	--	--	--	--	--	--
21...	21900	--	--	--	--	--	--	--	--	--
21...	49200	--	--	--	--	--	--	--	--	--
FEB										
01...	30100	5	<1	3	5	3000	<10	200	<.01	16
01...	33600	4	<1	5	9	6300	<10	110	<.01	27
01...	43900	1	<1	5	9	4900	<10	290	<.01	22

DATE	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT												
21...	<.10	7	<.10	<1.0	<.001	<.1	<.10	3.0	<.001	1.0	<.001	.7
FEB												
01...	<.10	<1	<.10	<1.0	<.001	<.1	<.10	<1.0	<.001	<.1	<.001	<.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT												
21...	<.001	<.1	.07	<.1	.002	.8	<.001	<.1	.010	<.1	<.01	<.1
FEB												
01...	<.001	<.1	.02	<.1	<.001	.1	<.001	<.1	<.001	<.1	<.01	<.1

DATE	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)
OCT										
21...	<.001	<.1	<.001	<.1	<.001	<.1	<.01	<.1	<.01	<.1
FEB										
01...	<.001	<.1	<.001	<.1	<.001	<.1	<.01	<.1	<.01	<.1

DATE	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)
OCT									
21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01
FEB									
01...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	PERTHANE IN BOTTOM MATERIL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT									
21...	<.10	<.1	<1.0	<.01	<.1	<.01	<.01	<.01	<.01
FEB									
01...	<1.00	<.1	<10	<.01	<.1	<.01	<.01	<.01	<.01

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

POTAMOLOGICAL STUDY--Continued

291809089184900 EMELINE PASS (NEAR MAIN PASS) 3.2 MILES NORTHEAST OF VENICE, LA

WATER-QUALITY DATA, OCTOBER 1981 TO FEBRUARY 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT												
21...	1445	2800	7.8	23.5	5	7.0	7.7	--	.6	K200	K160	K80
FEB												
01...	1445	386	7.3	5.0	15	100	12.7	30	2.4	4800	640	1500

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)
OCT												
21...	410	60	62	440	18	135	170	740	.5	3.1	1640	1560
FEB												
01...	130	37	10	23	3.1	99	44	30	.4	7.5	232	214

DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)
OCT												
21...	11	.80	.03	.83	.84	<.01	.62	.45	.11	.11	2	2
FEB												
01...	148	1.5	.05	1.6	1.4	.15	--	1.1	.19	.11	2	1

DATE	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)
OCT												
21...	<10	<10	<1	<1	10	<1	9	4	40	3	2	.1
FEB												
01...	<10	<1	<1	1	60	<1	28	18	55	7	<1	.5

DATE	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)
OCT												
21...	<.1	4	2	<1	<1	--	60	10	4.6	<.01	<1	<1
FEB												
01...	.5	9	1	<1	<1	<.1	30	8	6.2	<.01	<1	--

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

POTAMOLOGICAL STUDY--Continued

291809089184900 EMELINE PASS (NEAR MAIN PASS) 3.2 MILES NORTHEAST OF VENICE, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO FEBRUARY 1982

DATE	SOLIDS, VOLATILE IN BOTTOM MATERIAL (MG/KG)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)
OCT 21...	51100	--	--	--	--	--	--	--	--	--
21...	30300	--	--	--	--	--	--	--	--	--
21...	46000	--	--	--	--	--	--	--	--	--
FEB 01...	30400	2	<1	3	4	2600	<10	250	<.01	14
01...	25400	1	<1	3	4	2200	<10	200	<.01	14
01...	22700	<1	<1	2	3	2100	<10	130	<.01	10

DATE	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 21...	<.10	31	<.10	<1.0	<.001	<.1	<.10	10	<.001	3.1	<.001	2.3
FEB 01...	<.10	--	<.10	--	<.001	--	<.10	--	<.001	--	<.001	--

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 21...	<.001	<.1	.06	<.1	.002	2.2	<.001	<.1	.010	<.1	<.01	<.1
FEB 01...	<.001	--	.01	--	<.001	--	<.001	--	<.001	--	<.01	--

DATE	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)
OCT 21...	<.001	<.1	<.001	<.1	<.001	<.1	<.01	<.1	<.01	<.1
FEB 01...	<.001	--	<.001	--	<.001	--	<.01	--	<.01	--

DATE	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)
OCT 21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01
FEB 01...	<.01	--	<.01	--	<.01	--	<.01	--	<.01

DATE	PERTHANE IN BOTTOM MATERIL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 21...	<.10	<.1	<1.0	<.01	<.1	<.01	<.01	<.01	<.01
FEB 01...	--	<.1	--	<.01	--	<.01	<.01	<.01	<.01

POTAMOLOGICAL STUDY--Continued

291728089210000 BAPTISTE COLLETTE BAYOU 1.2 MILES NORTH OF VENICE, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO FEBRUARY 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (FTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 21...	1500	2320	7.4	23.0	5	5.0	5.5	--	.3	K60	K20	K30
FEB 01...	1515	389	7.5	6.0	20	130	12.8	15	2.4	5000	K320	1700

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)
OCT 21...	360	57	52	340	14	136	150	560	.5	3.0	1300	4
FEB 01...	130	37	10	23	3.2	100	39	29	.3	7.3	220	336

DATE	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)
OCT 21...	--	<.01	.43	.29	.02	--	.73	.08	.10	2	1	<10
FEB 01...	1.5	.04	1.5	1.5	.17	.62	.66	.25	.12	2	1	<10

DATE	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)
OCT 21...	<10	<1	1	10	<1	38	12	50	4	4	.2	.1
FEB 01...	<1	1	<1	20	<1	18	6	49	12	3	.3	<.1

DATE	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)
OCT 21...	3	2	<1	<1	--	50	20	3.0	<.01	<1	<1
FEB 01...	15	5	<1	<1	<1.0	50	9	6.0	<.01	<1	--

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal count).

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POTAMOLOGICAL STUDY--Continued

291728089210000 BAPTISTE COLLETTE BAYOU 1.2 MILES NORTH OF VENICE, LA

WATER-QUALITY DATA, OCTOBER 1981 TO FEBRUARY 1982

DATE	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 21...	<.10	3	<.10	<1.0	<.001	<.1	<.10	2.0	<.001	.7	<.001	.3
FEB 01...	<.10	--	<.10	--	<.001	--	<.10	--	<.001	--	<.001	--

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 21...	<.001	.2	.03	<.1	.001	.3	<.001	<.1	.001	<.1	<.01	<.1
FEB 01...	<.001	--	.02	--	.001	--	<.001	--	<.001	--	<.01	--

DATE	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)
OCT 21...	.001	<.1	<.001	<.1	<.001	<.1	<.01	<.1	<.01	<.1
FEB 01...	<.001	--	<.001	--	<.001	--	<.01	--	<.01	--

DATE	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)
OCT 21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01
FEB 01...	<.01	--	<.01	--	<.01	--	<.01	--	<.01

DATE	PERTHANE IN BOTTOM MATERIL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 21...	<.10	<.1	<1.0	<.01	<.1	<.01	<.01	<.01	<.01
FEB 01...	--	<.1	--	<.01	--	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

POTAMOLOGICAL STUDY--Continued

291728089210000 BAPTISTE COLLETTE BAYOU 1.2 MILES NORTH OF VENICE, LA

WATER-QUALITY DATA, OCTOBER 1981 TO FEBRUARY 1982

DATE	SOLIDS, VOLATILE IN BOTTOM MATERIAL (MG/KG)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)
OCT										
21...	9070	--	--	--	--	--	--	--	--	--
21...	51000	--	--	--	--	--	--	--	--	--
21...	23600	--	--	--	--	--	--	--	--	--
FEB										
01...	6450	<1	<1	1	1	1100	<10	55	<.01	7
01...	743000	2	<1	6	11	7100	<10	160	<.01	28
01...	35100	<1	<1	4	8	4900	<10	24	<.01	20

DATE	ACENAPHTHENE TOTAL (UG/L)	ACENAPHTHYLENE TOTAL (UG/L)	ANTHRACENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	BENZIDINE TOTAL (UG/L)	BENZO B FLUORANTHENE TOTAL (UG/L)	BENZOGHI PERYLENE1,12-BENZOPERYLENE TOTAL (UG/L)	BROMOFORM TOTAL (UG/L)	N-BUTYL BENZYL PHTHALATE TOTAL (UG/L)
DEC									
19...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
APR									
05...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	CARBON-TETRACHLORIDE TOTAL (UG/L)	PARACHLORO-META CRESOL TOTAL (UG/L)	CHLOROBENZENE TOTAL (UG/L)	CHLORODIBROMOMETHANE TOTAL (UG/L)	CHLOROETHANE TOTAL (UG/L)	CHLOROFORM TOTAL (UG/L)	DI-N-BUTYL PHTHALATE TOTAL (UG/L)	DI-N-OCTYL PHTHALATE TOTAL (UG/L)	DICHLOROBROMOMETHANE TOTAL (UG/L)	DICHLORODIFLUOROMETHANE TOTAL (UG/L)
DEC										
19...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
APR										
05...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	DIETHYL PHTHALATE TOTAL (UG/L)	DIMETHYL PHTHALATE TOTAL (UG/L)	4,6-DINITRO-ORTHO-CRESOL TOTAL (UG/L)	ETHYLBENZENE TOTAL (UG/L)	HEXACHLOROBENZENE TOTAL (UG/L)	HEXACHLOROCYCLOPENTADIENE TOTAL (UG/L)	HEXACHLOROETHANE TOTAL (UG/L)	INDENO (1,2,3-CD) PYRENE TOTAL (UG/L)	ISOPHORONE TOTAL (UG/L)
DEC									
19...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
APR									
05...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	METHYLBROMIDE TOTAL (UG/L)	METHYLENE CHLORIDE TOTAL (UG/L)	N-NITROSODI-N-PROPYLAMINE TOTAL (UG/L)	N-NITROSODIPHENYLAMINE TOTAL (UG/L)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	NITROBENZENE TOTAL (UG/L)	N-NITROSODIMETHYLAMINE TOTAL (UG/L)	PHENOL (C6H5OH) TOTAL (UG/L)	TETRACHLOROETHYLENE TOTAL (UG/L)	TOLUENE TOTAL (UG/L)
DEC										
19...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
APR										
05...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

< Actual value is known to be less than the value shown.

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POTAMOLOGICAL STUDY--Continued

291728089210000 BAPTISTE COLLETTE BAYOU 1.2 MILES NORTH OF VENICE, LA--Continued

WATER-QUALITY DATA, OCTOBER 1981 TO FEBRUARY 1982

DATE	TRICHLOROETHYLENE TOTAL (UG/L)	TRICHLOROFLOUROMETHANE TOTAL (UG/L)	VINYL CHLORIDE TOTAL (UG/L)	1,1-DICHLOROETHYLENE TOTAL (UG/L)	1,1-DICHLOROETHANE TOTAL (UG/L)	1,1,1-TRICHLOROETHANE TOTAL (UG/L)	1,1,2-TRICHLOROETHANE TOTAL (UG/L)	1,1,2,2 TETRACHLOROETHANE TOTAL (UG/L)	1,2-DICHLOROBENZENE TOTAL (UG/L)	1,2-DICHLOROETHANE TOTAL (UG/L)	1,2-DICHLOROPROPANE TOTAL (UG/L)	1,2,4-TRICHLOROBENZENE TOTAL (UG/L)
DEC												
10...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0
APR												
05...	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	1,3-DICHLOROBENZENE TOTAL (UG/L)	1,3-DICHLOROPROPANE TOTAL (UG/L)	1,4-DICHLOROBENZENE TOTAL (UG/L)	CHLOROETHYLENE TOTAL (UG/L)	BIS (2-CHLOROETHOXY) METHANE TOTAL (UG/L)	BIS 2-CHLOROETHYL ETHER TOTAL (UG/L)	BIS (2-CHLOROISOPROPYL) ETHER TOTAL (UG/L)	2-CHLORONAPHTHALENE TOTAL (UG/L)	2-CHLOROPHENOL TOTAL (UG/L)	2-CHLOROETHYLVINYLETHER TOTAL (UG/L)	BIS(2-ETHYL HEXYL) PHTHALATE TOTAL (UG/L)	2-NITROPHENOL TOTAL (UG/L)
DEC												
10...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
APR												
05...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

DATE	2,3,7,8 TETRACHLORODIBENZO-P-DIOXIN TOTAL (UG/L)	2,4-DICHLOROPHENOL TOTAL (UG/L)	2,4-DIMETHYLPHENOL TOTAL (UG/L)	2,4,-DINITROPHENOL TOTAL (UG/L)	2,4-DINITROTOLUENE TOTAL (UG/L)	2,4,6-TRICHLOROPHENOL TOTAL (UG/L)	2,6-DINITROTOLUENE TOTAL (UG/L)	3,3'-DICHLOROBENZIDINE TOTAL (UG/L)	4-BROMOPHENYL PHENYL ETHER TOTAL (UG/L)	4-CHLOROPHENYL PHENYL ETHER TOTAL (UG/L)	4-NITROPHENOL TOTAL (UG/L)
DEC											
10...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
APR											
05...	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

< Actual value is known to be less than the value shown.

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 7, 1981...	25.5	7.6	MAY 19, 1982....	24.7	9.2
NOV. 12.........	17.0	9.2	SEPT. 7..........	28.9	8.9
DEC. 15.........	10.0	11.0			

02490105 BOGUE LUSA CREEK AT STATE HIGHWAY 439, AT BOGALUSA, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 7, 1981...	22.0	8.5	MAR. 11..........	14.0	14.4
NOV. 10.........	15.5	9.5	APR. 20..........	18.0	8.0
DEC. 17.........	14.0	9.8	JUNE 4..........	25.0	7.8
JAN. 20, 1982...	13.5	10.8			

02492000 BOGUE CHITTO NEAR BUSH, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 6, 1981...	24.5	--	MAR. 12..........	17.0	10.2
NOV. 10.........	18.5	9.4	APR. 20..........	22.0	7.8
DEC. 7.........	9.0	10.6	JUNE 4..........	26.0	6.5
JAN. 20, 1982...	12.0	9.8			

MISSISSIPPI RIVER DELTA

07373965 SOUTH CANAL NEAR BAKER, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 5, 1981...	21.0	4.0	MAR. 11..........	13.0	8.7
NOV. 16.........	13.5	5.3	JUNE 3..........	25.0	2.8
DEC. 16.........	7.0	8.2	JULY 19..........	25.0	3.6
JAN. 29, 1982...	12.0	7.9	AUG. 26..........	25.0	4.2

07375000 TCHEFUNCTA RIVER NEAR FOLSOM, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 5, 1981...	19.0	10.0	JUN. 2..........	22.0	7.8
NOV. 18.........	14.0	11.0	JULY 14..........	26.0	8.6
DEC. 16.........	10.0	9.8	AUG. 31..........	24.5	7.8
JAN. 28, 1982...	10.5	10.0			

07375500 TANGIPAHOA RIVER AT ROBERT, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 5, 1981...	21.0	9.8	APR 23..........	15.0	8.6
NOV. 13.........	13.0	12.0	JUNE 2..........	25.0	7.2
DEC. 16.........	10.0	10.6	JULY 14..........	28.0	7.8
JAN. 28, 1982...	12.5	10.2	AUG. 26..........	28.5	--
MAR. 16.........	23.0	8.5			

07375800 TICKFAW RIVER AT LIVERPOOL, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 14, 1981...	25.5	9.5			

07376000 TICKFAW RIVER AT HOLDEN, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 2, 1981...	21.5	9.5	APR 26..........	17.0	8.8
NOV. 13.........	13.5	12.4	JUNE 1..........	25.0	7.5
DEC. 14.........	10.0	11.4	JULY 12..........	27.0	8.5
JAN. 25, 1982...	11.0	10.2	AUG. 30..........	29.0	7.6
MAR. 10.........	10.0	11.2			

07376500 NATALBANY RIVER AT BAPTIST, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 2, 1981...	22.0	9.0	APR. 22..........	15.0	--
NOV. 9.........	15.0	11.0	JUNE 1..........	27.0	8.0
DEC. 14.........	11.0	9.8	JULY 12..........	29.5	7.6
JAN. 25, 1982...	11.5	10.8	AUG. 25..........	29.5	--
MAR. 10.........	15.0	--			

07377000 AMITE RIVER NEAR DARLINGTON, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 7, 1981...	22.5	10.0	MAR 15..........	21.5	9.2
NOV. 12.........	13.5	13.0	JUNE 3..........	27.0	8.0
DEC. 21.........	6.0	12.0	JULY 13..........	25.0	8.6
JAN. 27, 1982...	10.0	10.8	SEPT. 1..........	28.0	8.7

07377240 LITTLE SANDY CREEK NEAR GREENWELL SPRINGS, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 8, 1981...	19.0	2.5	APR. 1..........	21.5	3.8
NOV. 9.........	15.0	3.1	JUNE 2..........	22.0	2.5
DEC. 16.........	10.0	7.4	JULY 20..........	25.0	2.7
JAN. 28, 1982...	10.0	7.4	AUG. 28..........	27.0	2.7
MAR. 11.........	14.0	7.6			

MISSISSIPPI RIVER DELTA--Continued

07377500 COMITE RIVER NEAR OLIVE BRANCH, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 7, 1981...	22.8	8.9	APR. 1..........	21.0	8.1
NOV. 9.........	15.5	11.0	JUNE 1..........	29.5	9.4
DEC. 15.........	11.0	10.2	JULY 15..........	25.0	8.6
JAN. 27, 1982...	9.5	10.3	AUG. 25..........	25.0	7.8
MAR. 12..........	15.5	9.4			

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 5, 1981...	21.0	4.0	MAR. 11..........	15.0	7.9
NOV. 16.........	15.0	6.4	JULY 19..........	25.0	3.8
DEC. 16.........	8.0	8.3	AUG. 26..........	25.0	3.6
JAN. 29, 1982...	14.0	7.4			

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 5, 1981...	20.0	6.3	MAR. 11..........	13.0	9.2
NOV. 16.........	14.0	6.7	JUNE 3..........	24.0	4.7
DEC. 16.........	7.0	8.8	JULY 19..........	24.5	4.9
JAN. 29, 1982...	12.0	8.4	AUG. 26..........	24.0	4.8

07377842 WHITE BAYOU NEAR BAKER, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 5, 1981...	23.0	4.0	MAR. 11..........	15.0	4.2
NOV. 16.........	16.0	3.4	JUNE 6..........	25.5	3.1
DEC. 16.........	9.0	5.4	JULY 19..........	25.5	3.0
JAN. 29, 1982...	15.0	5.5	AUG. 26..........	24.0	1.4

07378000 COMITE RIVER NEAR COMITE, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 9, 1981...	21.5	9.4	JUNE 2..........	30.0	7.9
NOV. 10.........	17.0	9.5	JUNE 3..........	30.0	--
DEC. 22.........	15.0	10.0	JULY 20..........	30.5	7.9
JAN. 28, 1982...	16.0	9.8	AUG. 26..........	32.0	7.6
MAR. 10.........	13.0	10.1			

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 1, 1981...	26.0	9.5	MAR. 16..........	22.0	8.3
NOV. 10.........	17.5	11.8	JUNE 7..........	27.0	7.3
DEC. 22.........	10.5	11.0	AUG. 20..........	23.0	7.9
FEB. 1, 1982...	10.5	9.7			

07380400 BAYOU LAFOURCHE AT DONALDSONVILLE, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
DEC. 8, 1981...	15.4	--	JUNE 18..........	25.0	--
MAY 5, 1982...	18.5	8.2	JULY 16..........	26.8	7.4
MAY 21.........	21.8	8.2	AUG. 27..........	29.0	5.5
JUNE 4.........	25.0	7.2			

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
MAR. 18, 1982...	23	6.5	SEPT. 1.........	29.5	4.8

07386700 RUTH CANAL NEAR RUTH, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
JUNE 6, 1982...	30.0	3.1	AUG. 23..........	29.0	4.2
JULY 12.........	29.0	--			

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
OCT. 5, 1981...	25.0	2.7	MAR. 15..........	20.0	7.2
NOV. 11.........	16.5	--	APR. 24..........	16.0	6.1
JAN. 29, 1982...	13.0	--	JUNE 7..........	--	2.5

CALCASIEU RIVER BASIN

08016800 BEAR HEAD CREEK NEAR STARKS, LA

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
JULY 15, 1982...	28.0	--	SEPT. 19.........	25.5	--
AUG. 19.........	25.2	--			

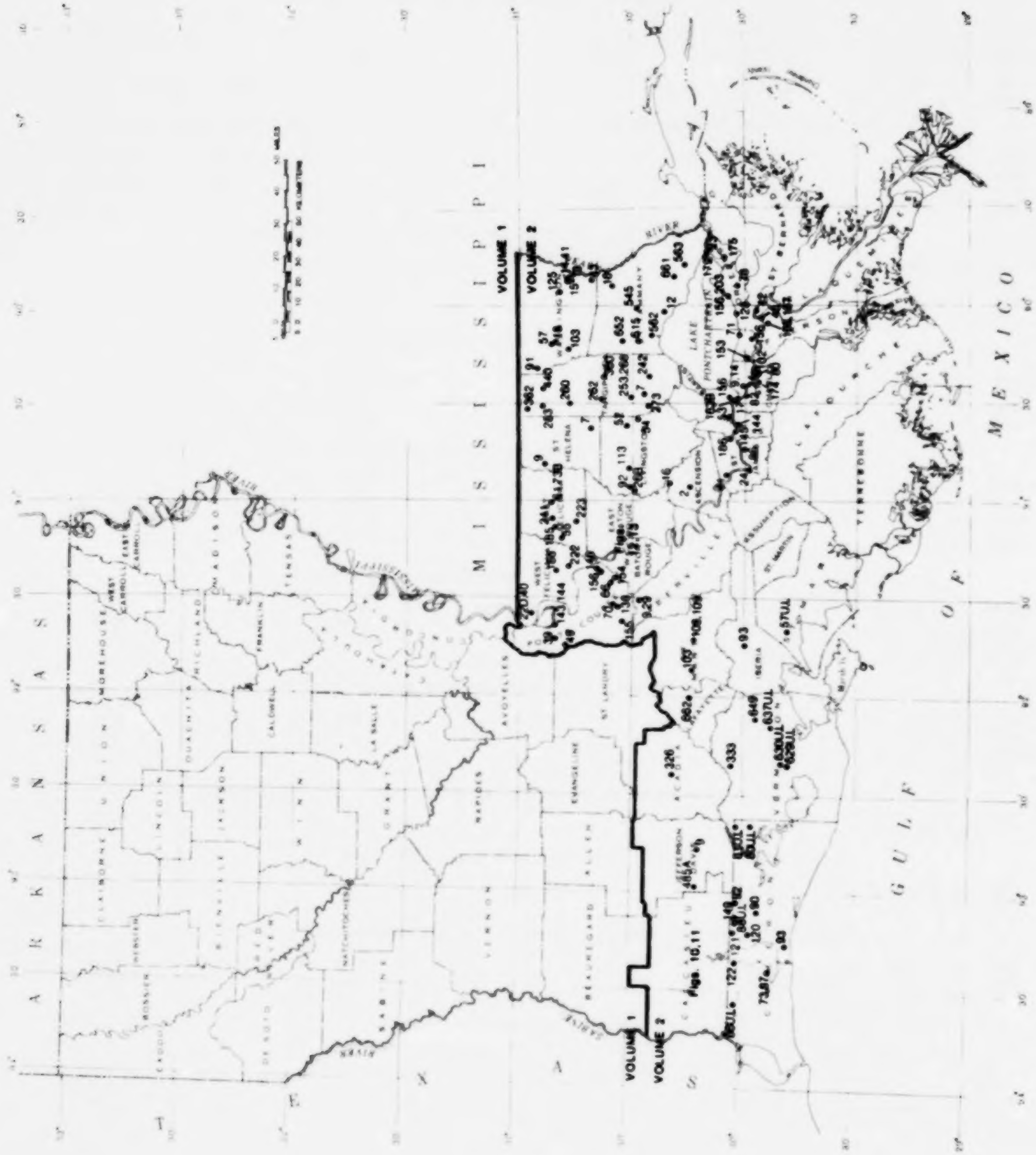
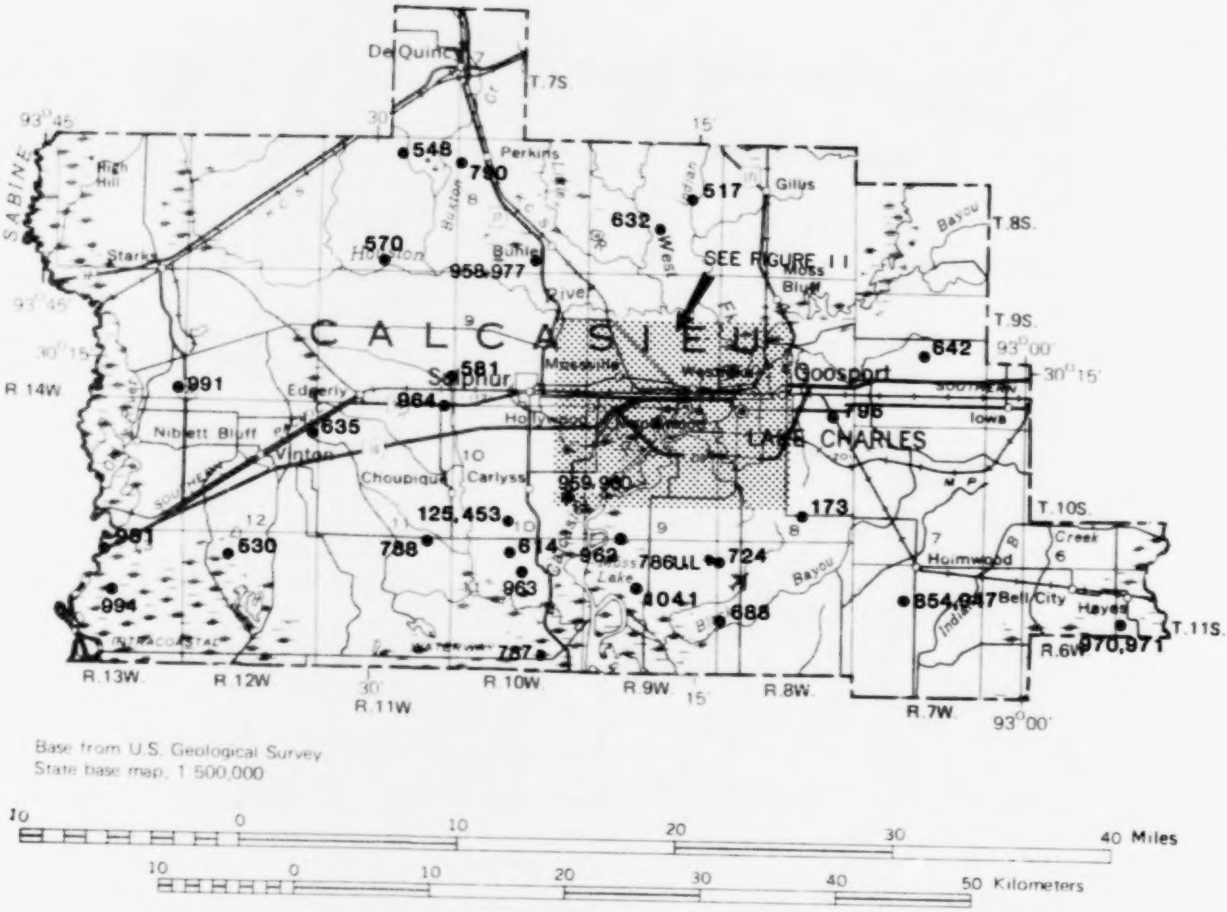
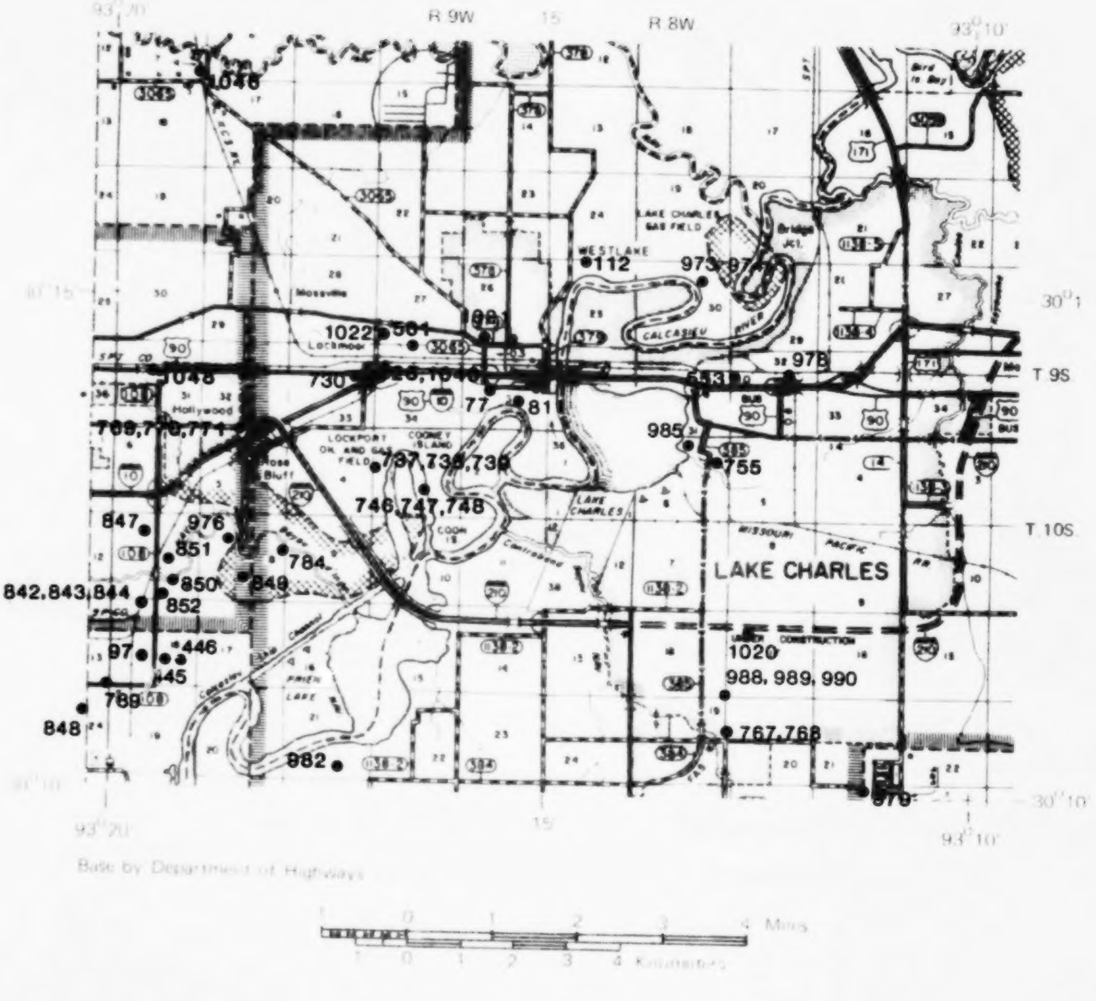


Figure 9.--Location of observation wells.



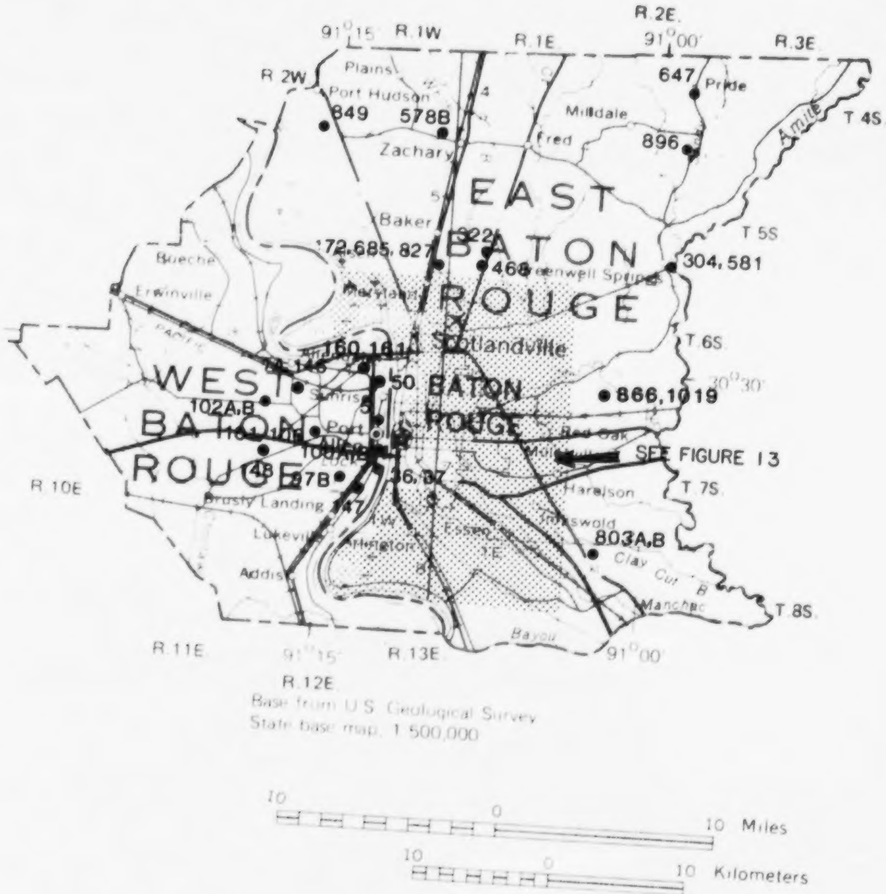
Base from U.S. Geological Survey
State base map, 1:500,000

Figure 10.--Location of observation wells in Calcasieu Parish, except for wells located in the shaded area (see fig. 11).



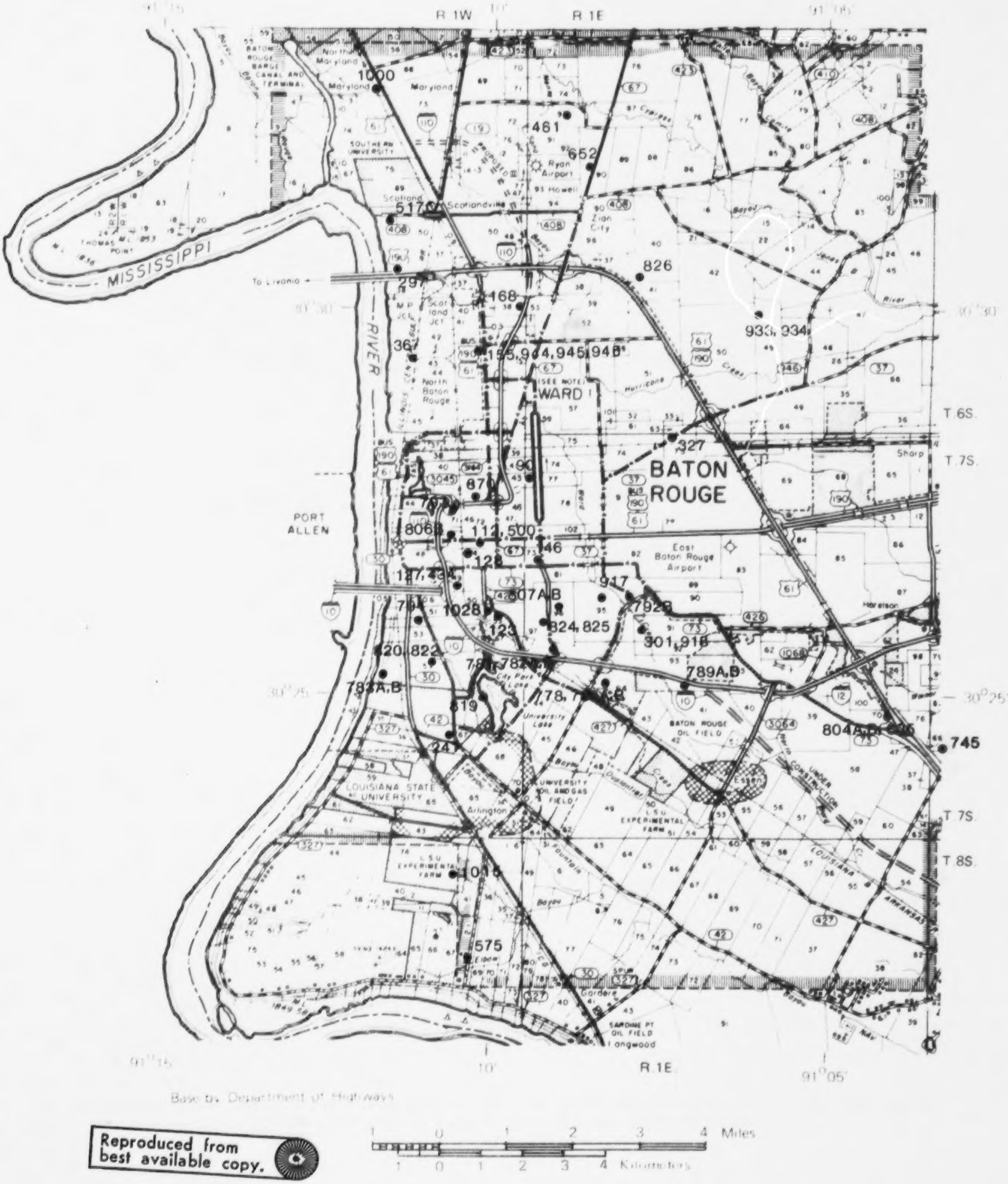
Base by Department of Highways

Figure 11.--Location of observation wells in shaded area shown in figure 10, Calcasieu Parish.



Base from U.S. Geological Survey
State base map, 1:500,000

Figure 12.--Location of observation wells, East Baton Rouge and West Baton Rouge Parishes, except for wells located in the shaded area (see fig. 13).



Base by Department of Highways

Reproduced from best available copy.

Figure 13.--Location of observation wells in shaded area shown in figure 12, East Baton Rouge Parish.

ACADIA PARISH

301832092234501 LOCAL WELL NUMBER: AC-326

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 8S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 TO 2 IN, DEPTH 202 FT, SCREENED 192-202. MP TOP OF 6-IN CASING, 1.15 FT ABOVE LSD.
LSD 25.80 FT NGVD.
HIGHEST WATER LEVEL 48.61 BELOW LSD, MAR. 14, 1965.
LOWEST WATER LEVEL 83.93 BELOW LSD, JULY 5, 1969.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	69.45	JAN. 5, 1982	62.90	APR. 5, 1982	68.74	JULY 15, 1982	78.21
OCT. 6	69.33H	JAN. 10	62.77	APR. 10	70.12	JULY 20	74.87
OCT. 10	68.44	JAN. 15	62.35	APR. 15	70.10	JULY 23	74.75H
OCT. 15	68.01	JAN. 20	62.20	APR. 20	69.27H	JULY 25	74.22
OCT. 20	67.65H	JAN. 22	62.09H	APR. 25	68.10	JULY 31	73.38
OCT. 25	67.05	JAN. 25	62.08	APR. 30	68.39	AUG. 5	72.40
OCT. 31	66.66	JAN. 31	61.75	MAY 5	69.68	AUG. 10	71.44
NOV. 5	66.21	FEB. 5	61.66	MAY 10	70.71	AUG. 15	70.71
NOV. 10	65.97	FEB. 10	61.44	MAY 15	71.47	AUG. 20	70.16
NOV. 15	65.64	FEB. 15	61.38	MAY 20	71.11H	AUG. 23	69.77H
NOV. 20	65.20	FEB. 20	61.14	MAY 25	72.17	AUG. 25	69.72
NOV. 25	64.92	FEB. 25	61.07H	MAY 31	73.21	AUG. 31	70.59
NOV. 30	64.62H	FEB. 28	60.93	JUNE 5	76.40	SEP. 5	71.42
DEC. 5	64.59	MAR. 5	60.64	JUNE 10	77.28	SEP. 10	71.77
DEC. 10	64.29	MAR. 10	60.77	JUNE 15	78.40	SEP. 15	69.44
DEC. 15	63.91	MAR. 15	60.92	JUNE 24	75.65H	SEP. 20	69.78
DEC. 17	63.93H	MAR. 20	61.70	JUNE 25	75.53	SEP. 22	69.69H
DEC. 20	64.01	MAR. 23	63.60H	JUNE 30	74.95	SEP. 25	69.47
DEC. 25	63.49	MAR. 25	64.49	JULY 5	73.99	SEP. 30	69.31
DEC. 31	63.14	MAR. 31	67.61	JULY 10	76.99		

ASCENSION PARISH

301411090550501 LOCAL WELL NUMBER: AN-2

OWNER: CITY OF GONZALES. (SEC. 28, T. 9S., R. 3E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, REPORTED DEPTH 590 FT, SCREENED 550-590. MP TOP EDGE OF 2-IN COLLAR, 0.57 FT ABOVE LSD.
LSD 8.14 FT NGVD.
HIGHEST WATER LEVEL 5.98 ABOVE LSD, MAY 10, 1962.
LOWEST WATER LEVEL 6.33 BELOW LSD, JAN. 20, 1982.
RECORDS AVAILABLE 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1982	6.33	APR. 20, 1982	0.52	AUG. 6, 1982	2.26		

302008090541601 LOCAL WELL NUMBER: AN-16

OWNER: ROGER M. FRITCHIE. (SEC. 20, T. 8S., R. 3E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 1693 FT, SCREENED 1663-1693. MP TOP OF 2-IN CROSS, 0.90 FT ABOVE LSD.
LSD 15.00 FT NGVD.
HIGHEST WATER LEVEL 45.73 ABOVE LSD, DEC. 8, 1954, FEB. 28, 1955, APR. 28, 1955,
LOWEST WATER LEVEL 0.74 ABOVE LSD, APR. 20, 1982.
RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1981 +	1.84	APR. 20, 1982 +	0.74				

See footnotes at end of table.

301405093153501 LOCAL WELL NUMBER: CU-77

OWNER: OLIN CORPORATION. (SEC. 35, T. 9S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 13 TO 6 IN, REPORTED DEPTH 512 FT, SCREENED 448-512. MP TOP OF CASING, 7.63 FT ABOVE LSD.
LSD 9.61 FT NGVD.
HIGHEST WATER LEVEL 82.11 BELOW LSD, FEB. 14, 1956.
LOWEST WATER LEVEL 170.60 BELOW LSD, AUG. 30, 1974.
RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	137.85H	JAN. 10, 1982	130.95	APR. 10, 1982	129.90	JULY 10, 1982	132.10
OCT. 10	137.65	JAN. 15	134.90	APR. 15	132.55	JULY 15	132.15
OCT. 15	135.90	JAN. 20	133.50	APR. 20	130.77H	JULY 20	132.05
OCT. 19	137.46H	JAN. 25	130.73H	APR. 25	128.68	JULY 21	131.78H
OCT. 20	136.49	JAN. 31	128.49	APR. 30	130.94	JULY 25	131.08
OCT. 25	134.53	FEB. 5	128.03	MAY 5	131.75	JULY 31	131.12
OCT. 31	133.45	FEB. 10	130.48	MAY 10	128.58	AUG. 5	130.90
NOV. 5	132.35	FEB. 15	124.25	MAY 15	127.54	AUG. 10	130.37
NOV. 10	132.25	FEB. 20	128.90	MAY 18	119.31H	AUG. 15	130.60
NOV. 20	130.17H	FEB. 24	128.67H	MAY 20	117.51	AUG. 20	130.50
NOV. 25	127.90	FEB. 25	124.35	MAY 25	119.63	AUG. 26	131.34H
NOV. 30	127.25	FEB. 28	119.50E	MAY 31	120.52	AUG. 31	132.10
DEC. 5	130.74	MAR. 5	114.90	JUNE 5	119.26	SEP. 5	132.22
DEC. 10	127.49	MAR. 10	120.90	JUNE 10	119.55	SEP. 10	130.60
DEC. 15	126.20	MAR. 15	122.05	JUNE 15	120.41	SEP. 15	129.40
DEC. 18	128.79H	MAR. 20	127.76	JUNE 20	119.98	SEP. 20	128.45
DEC. 20	129.74	MAR. 25	118.51H	JUNE 25	120.12H	SEP. 23	129.40H
DEC. 25	127.90	MAR. 31	135.02	JUNE 30	132.30	SEP. 25	128.80
DEC. 31	126.50	APR. 5	136.05	JULY 5	133.20	SEP. 30	126.80
JAN. 5, 1982	129.62						

301110093193701 LOCAL WELL NUMBER: CU-97

OWNER: CITIES SERVICE OIL CO. (SEC. 18, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 32 TO 10 IN, REPORTED DEPTH 519 FT, SCREENED 410-519. MP TOP OF 1/2-IN COUPLING, 0.52 FT ABOVE LSD.
LSD 14.78 FT NGVD.
HIGHEST WATER LEVEL 92.14 BELOW LSD, APR. 4, 1956.
LOWEST WATER LEVEL 173.49 BELOW LSD, FEB. 28, 1974.
RECORDS AVAILABLE 1955-75, 1978-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	137.83						

301516093143101 LOCAL WELL NUMBER: CU-112

OWNER: I. V. MAURER. (SEC. 25, T. 9S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 210 FT, SCREENED 190-210. MP TOP OF REDUCER, 0.40 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 10.51 BELOW LSD, MAR. 7, 1975.
LOWEST WATER LEVEL 48.00 BELOW LSD, FEB. 24, 1972.
RECORDS AVAILABLE 1972, 1975, 1977-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1982	13.47						

300905093224501 LOCAL WELL NUMBER: CU-125

OWNER: CITIES SERVICE OIL CO. (SEC. 34, T. 10S., R. 10W.) DRILLED UNUSED ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 24 TO 12 IN, REPORTED DEPTH 700 FT, SCREENED INTERVAL UNKNOWN. MP WIDE CRACK IN WOODEN COVER OVER WELL, 1.10 FT ABOVE LSD.
LSD 14.20 FT NGVD.
HIGHEST WATER LEVEL 10.23 BELOW LSD, APR. 11, 1944.
LOWEST WATER LEVEL 96.10 BELOW LSD, MAR. 10, 1977.
RECORDS AVAILABLE 1943-64, 1977-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 4, 1982	88.48						

See footnotes at end of table.

CALCASIEU PARISH

300930093091501 LOCAL WELL NUMBER: CU-173

OWNER: R. W. PEYTON AND OTHERS. (SEC. 26, T. 10S., R. 8W.) DRILLED IRRIGATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 24 TO 12 IN. REPORTED DEPTH 726 FT. SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 4.30 FT ABOVE LSD.
LSD 23.53 FT NGVD.
HIGHEST WATER LEVEL 28.79 BELOW LSD, MAR. 10, 1947.
LOWEST WATER LEVEL 91.15 BELOW LSD, MAR. 16, 1976.
RECORDS AVAILABLE 1946-50, 1952-60, 1963-66, 1968-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	86.48						

301115093191501 LOCAL WELL NUMBER: CU-445

OWNER: CITIES SERVICE OIL CO. (SEC. 18, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 18 TO 10 IN. DEPTH 540 FT. SCREENED 460-540. MP TOP OF RECORDER SHELTER FLOOR, 2.00 FT ABOVE LSD.
LSD 12.26 FT NGVD.
HIGHEST WATER LEVEL 30.96 BELOW LSD, APR. 20, 1947.
LOWEST WATER LEVEL 177.75 BELOW LSD, AUG. 23, 1973.
RECORDS AVAILABLE 1945-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	149.04M	JAN. 5, 1982	135.00E	APR. 20, 1982	129.70M	JULY 15, 1982	127.33
OCT. 10	148.85	JAN. 10	135.38	APR. 25	126.33	JULY 20	127.60
OCT. 15	148.29	JAN. 15	138.08	APR. 30	129.30	JULY 21	127.04M
OCT. 19	151.35M	JAN. 20	137.21	MAY 5	128.97	JULY 25	127.97
OCT. 20	147.54	JAN. 25	133.84M	MAY 10	128.65	JULY 31	128.21
OCT. 25	146.40	JAN. 31	130.63	MAY 15	126.65	AUG. 5	126.50
OCT. 31	143.18	FEB. 5	132.59	MAY 18	129.32M	AUG. 10	124.06
NOV. 5	140.88	FEB. 10	132.27	MAY 20	129.74	AUG. 15	121.42
NOV. 10	138.64	FEB. 15	132.96	MAY 25	130.12	AUG. 20	126.53
NOV. 15	137.29	FEB. 20	133.13	MAY 31	132.10	AUG. 25	127.13
NOV. 20	137.28M	FEB. 22	133.02M	JUNE 5	132.09	AUG. 26	127.02M
NOV. 25	137.36	FEB. 25	131.22	JUNE 10	129.22	AUG. 31	125.10
NOV. 30	141.13	MAR. 19	130.92M	JUNE 15	129.29	SEP. 5	124.04
DEC. 5	137.28	MAR. 20	130.26	JUNE 20	127.40	SEP. 10	126.69
DEC. 10	137.55	MAR. 25	130.00	JUNE 22	126.82M	SEP. 15	125.72
DEC. 15	134.30M	MAR. 31	129.60	JUNE 25	127.56	SEP. 20	124.68
DEC. 20	137.24	APR. 5	131.44	JUNE 30	129.47	SEP. 21	123.92M
DEC. 25	136.00E	APR. 10	130.40	JULY 5	127.38	SEP. 25	123.98
DEC. 31	135.00E	APR. 15	133.55	JULY 10	127.02	SEP. 30	123.59

301115093191001 LOCAL WELL NUMBER: CU-446

OWNER: CITIES SERVICE OIL CO. (SEC. 18, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 18 TO 10 IN. REPORTED DEPTH 738 FT. SCREENED 658-738. MP TOP OF RECORDER SHELTER FLOOR, 1.89 FT ABOVE LSD.
LSD 12.40 FT NGVD.
HIGHEST WATER LEVEL 22.80 BELOW LSD, APR. 27, 1966.
LOWEST WATER LEVEL 129.80 BELOW LSD, AUG. 5, 1974.
RECORDS AVAILABLE 1945-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	114.02M	JAN. 10, 1982	105.53	APR. 10, 1982	103.07	JULY 10, 1982	102.88
OCT. 10	113.59	JAN. 15	106.67	APR. 15	102.91	JULY 15	102.98
OCT. 15	113.36	JAN. 20	107.48	APR. 20	102.71M	JULY 20	103.35
OCT. 19	113.40M	JAN. 25	106.66M	APR. 25	102.00	JULY 21	103.42M
OCT. 20	113.16	JAN. 31	105.72	APR. 30	101.95	JULY 25	103.70
OCT. 25	112.29	FEB. 5	105.16	MAY 5	102.01	JULY 31	103.97
OCT. 31	111.42	FEB. 10	104.80	MAY 10	102.10	AUG. 5	103.56
NOV. 5	110.76	FEB. 15	104.21	MAY 15	101.93	AUG. 10	103.00
NOV. 10	110.32	FEB. 20	104.65	MAY 18	101.97M	AUG. 15	102.54
NOV. 15	110.48	FEB. 22	104.71M	MAY 20	102.03	AUG. 20	102.63
NOV. 20	108.92M	FEB. 25	104.67	MAY 25	102.28	AUG. 25	103.05
NOV. 25	107.85	FEB. 28	104.45	MAY 31	103.08	AUG. 26	103.05M
NOV. 30	107.50	MAR. 5	103.83	JUNE 5	103.90	AUG. 31	102.86
DEC. 5	107.88	MAR. 10	102.94	JUNE 10	104.18	SEP. 5	102.80
DEC. 10	108.02	MAR. 15	102.21	JUNE 15	104.08	SEP. 10	102.43
DEC. 15	107.40M	MAR. 19	102.37M	JUNE 20	103.89	SEP. 15	102.04
DEC. 20	107.38	MAR. 20	102.42	JUNE 22	103.49M	SEP. 20	101.90
DEC. 25	106.99	MAR. 25	102.32	JUNE 25	103.32	SEP. 21	101.56M
DEC. 31	105.71	MAR. 31	102.23	JUNE 30	103.15	SEP. 25	101.42
JAN. 5, 1982	105.50	APR. 5	102.50	JULY 5	102.98	SEP. 30	101.00

See footnotes at end of table.

300910093224001 LOCAL WELL NUMBER: CU-453

OWNER: COOPER PATTERSON. (SEC. 34, T. 10S., R. 10W.) DRILLED UNUSED ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 9 IN, REPORTED DEPTH 345 FT, SCREENED 261-345. MP LOWER LIP OF DISCHARGE PIPE, 4.25 FT ABOVE LSD.
LSD 13.18 FT NGVD.
HIGHEST WATER LEVEL 30.65 BELOW LSD, MAY 1, 1950.
LOWEST WATER LEVEL 67.88 BELOW LSD, MAR. 2, 1979.
RECORDS AVAILABLE 1948-62, 1972, 1975-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	63.45						

302236093140002 LOCAL WELL NUMBER: CU-517

OWNER: SWEETLAKE LAND AND OIL CO. (SEC. 12, T. 8S., R. 9W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 439 FT, SCREENED 357-439. MP LOWER LIP OF DISCHARGE PIPE, 7.10 FT ABOVE LSD.
LSD 34.80 FT NGVD.
HIGHEST WATER LEVEL 45.24 BELOW LSD, APR. 4, 1956.
LOWEST WATER LEVEL 76.19 BELOW LSD, MAR. 11, 1976.
RECORDS AVAILABLE 1955-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1982	68.31						

300806093360601 LOCAL WELL NUMBER: CU-530

OWNER: MATILDA GRAY ESTATE. (SEC. 4, T. 11S., R. 12W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 10 IN, REPORTED DEPTH 595 FT, SCREENED 515-595. MP LOWER LIP OF DISCHARGE PIPE, AT LSD.
LSD 9.32 FT NGVD.
HIGHEST WATER LEVEL 22.42 BELOW LSD, MAR. 16, 1955.
LOWEST WATER LEVEL 57.40 BELOW LSD, FEB. 28, 1973.
RECORDS AVAILABLE 1955-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	52.98						

302347093272901 LOCAL WELL NUMBER: CU-548

OWNER: CIRCLE DRILLING CO. (SEC. 2, T. 8S., R. 11W.) DRILLED INDUSTRIAL ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 IN, REPORTED DEPTH 250 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 1-IN AIRLINE, 4.00 FT ABOVE LSD.
LSD 42.00 FT NGVD.
HIGHEST WATER LEVEL 32.21 BELOW LSD, APR. 1, 1954.
LOWEST WATER LEVEL 53.94 BELOW LSD, FEB. 29, 1972.
RECORDS AVAILABLE 1954-62, 1972-78, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	52.41						

301431093131501 LOCAL WELL NUMBER: CU-553

OWNER: GREATER LAKE CHARLES WATER CO. (SEC. 31, T. 9S., R. 8W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 12 IN, DEPTH 670 FT, SCREENED 584-670. MP AIR VENT HOLE IN PUMP BASE, 1.00 FT ABOVE LSD.
LSD 15.00 FT NGVD.
HIGHEST WATER LEVEL 94.45 BELOW LSD, FEB. 20, 1981.
LOWEST WATER LEVEL 114.28 BELOW LSD, MAR. 9, 1979.
RECORDS AVAILABLE 1979, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1982	94.46						

301430093162401 LOCAL WELL NUMBER: CU-561

OWNER: CONTINENTAL OIL CO. (SEC. 34, T. 9S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "200-FT"
SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 26 TO 16 IN, DEPTH 287 FT, SCREENED 227-287. MP
SQUARE HOLE IN BRASS PLUG, AT LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 64.10 BELOW LSD, MAR. 9, 1977.
LOWEST WATER LEVEL 69.91 BELOW LSD, FEB. 29, 1972.
RECORDS AVAILABLE 1972-73, 1975, 1977-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1982	64.17						

301945093291301 LOCAL WELL NUMBER: CU-570

OWNER: INDUSTRIAL LUMBER CO. (SEC. 28, T. 8S., R. 11W.) DRILLED IRRIGATION ARTESIAN WELL IN
"500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 26 TO 12 IN, REPORTED DEPTH 400 FT,
SCREENED INTERVAL UNKNOWN. MP OPENING TO CASING IN PUMP BASE AT 3/4-IN NIPPLE BELOW DRIVE SHAFT
U-JOINT, 1.10 FT ABOVE LSD.
LSD 35.16 FT NGVD.
HIGHEST WATER LEVEL 37.28 BELOW LSD, SEP. 25, 1957.
LOWEST WATER LEVEL 65.45 BELOW LSD, MAR. 1, 1973.
RECORDS AVAILABLE 1955-76, 1978-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	55.70						

300818093224601 LOCAL WELL NUMBER: CU-614

OWNER: MAURICE DROST. (SEC. 3, T. 11S., R. 10W.) DRILLED IRRIGATION ARTESIAN WELL IN
"500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 11 IN, REPORTED DEPTH 545 FT,
SCREENED 465-545. MP LOWER LIP OF DISCHARGE PIPE, 5.30 FT ABOVE LSD.
LSD 10.31 FT NGVD.
HIGHEST WATER LEVEL 44.41 BELOW LSD, MAR. 14, 1955.
LOWEST WATER LEVEL 89.91 BELOW LSD, MAR. 4, 1974.
RECORDS AVAILABLE 1955-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1982	80.87						

302044093160401 LOCAL WELL NUMBER: CU-632

OWNER: QUATRE PARISH CO. (SEC. 22, T. 8S., R. 9W.) DRILLED IRRIGATION ARTESIAN WELL IN
"200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 12 IN, REPORTED DEPTH 202 FT,
SCREENED 142-202. MP LOWER LIP OF DISCHARGE PIPE, 8.00 FT ABOVE LSD.
LSD 25.45 FT NGVD.
HIGHEST WATER LEVEL 31.68 BELOW LSD, APR. 28, 1958.
LOWEST WATER LEVEL 46.90 BELOW LSD, MAR. 9, 1969.
RECORDS AVAILABLE 1955-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1982	44.43						

300935093171101 LOCAL WELL NUMBER: CU-634

OWNER: A. MILLER (SEC. 28, T. 10S., R. 9W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND
OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 10 IN, REPORTED DEPTH 578 FT, SCREENED 498-578.
MP LOWER LIP OF DISCHARGE PIPE, 4.93 FT ABOVE LSD.
LSD 18.36 FT NGVD.
HIGHEST WATER LEVEL 104.42 BELOW LSD, FEB. 25, 1982.
LOWEST WATER LEVEL 118.31 BELOW LSD, MAR. 1, 1978.
RECORDS AVAILABLE 1971-74, 1977-79, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1982	104.42						

301250093321101 LOCAL WELL NUMBER: CU-635

OWNER: E. C. FONTENOT, (SEC. 6, T. 10S., R. 11W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 22 TO 10 IN, REPORTED DEPTH 460 FT, SCREENED 360-460, MP LOWER LIP OF DISCHARGE PIPE, 8.50 FT ABOVE LSD.
LSD 19.92 FT NGVD.
HIGHEST WATER LEVEL 33.38 BELOW LSD, MAR. 31, 1955.
LOWEST WATER LEVEL 80.62 BELOW LSD, JULY 17, 1974.
RECORDS AVAILABLE 1955-57, 1959-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	64.00						

301641093035901 LOCAL WELL NUMBER: CU-642

OWNER: F. HEYD, (SEC. 10, T. 9S., R. 7W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 14 TO 8 IN, REPORTED DEPTH 287 FT, SCREENED INTERVAL UNKNOWN, MP LOWER LIP OF DISCHARGE PIPE, 5.40 FT ABOVE LSD.
LSD 19.00 FT NGVD.
HIGHEST WATER LEVEL 52.48 BELOW LSD, MAR. 7, 1975.
LOWEST WATER LEVEL 57.31 BELOW LSD, FEB. 18, 1981, MAR. 3, 1982.
RECORDS AVAILABLE 1972, 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	57.31						

300540093130301 LOCAL WELL NUMBER: CU-688

OWNER: WALKER-LA. PROPERTIES, (SEC. 19, T. 11S., R. 8W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 14 IN, REPORTED DEPTH 694 FT, SCREENED 614-694, MP LOWER LIP OF DISCHARGE PIPE, 10.00 FT ABOVE LSD.
LSD 19.96 FT NGVD.
HIGHEST WATER LEVEL 42.78 BELOW LSD, APR. 29, 1958.
LOWEST WATER LEVEL 76.73 BELOW LSD, MAR. 3, 1982.
RECORDS AVAILABLE 1958-69, 1971-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	76.73						

300816093125101 LOCAL WELL NUMBER: CU-724

OWNER: LAKE CHARLES MUNICIPAL AIRPORT, (SEC. 6, T. 11S., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 653 FT, SCREENED 573-653, MP TOP OF LOWER LIP OF PIPE COUPLING, 0.84 FT ABOVE LSD.
LSD 18.37 FT NGVD.
HIGHEST WATER LEVEL 61.50 BELOW LSD, MAR. 27, 1962.
LOWEST WATER LEVEL 97.14 BELOW LSD, SEP. 10, 1971.
RECORDS AVAILABLE 1962-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1982	79.65						

301404093170501 LOCAL WELL NUMBER: CU-725

OWNER: U. S. GEOL. SURVEY, (SEC. 33, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 640 FT, SCREENED 630-640, MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
LSD 17.50 FT NGVD.
HIGHEST WATER LEVEL 98.10 BELOW LSD, MAR. 2, 1962.
LOWEST WATER LEVEL 147.59 BELOW LSD, MAY 19, 1978.
RECORDS AVAILABLE 1961-72, 1975-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	131.56	APR. 30, 1982	129.17				

301405093171006 LOCAL WELL NUMBER: CU-730

OWNER: U. S. GEOL. SURVEY. (SEC. 33, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 165 FT, SCREENED 155-165. MP TOP OF 2-IN PIPE, 1.60 FT ABOVE LSD.

LSD 17.67 FT NGVD.
HIGHEST WATER LEVEL 54.64 BELOW LSD, MAR. 29, 1963.
LOWEST WATER LEVEL 85.66 BELOW LSD, AUG. 5, 1974.
RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1981	75.27	JAN. 25, 1982	72.51	APR. 20, 1982	71.43	JULY 21, 1982	71.73
NOV. 20	74.47	FEB. 22	72.18	MAY 18	71.03	AUG. 26	71.54
DEC. 15	73.19	MAR. 25	71.80	JUNE 22	71.52	SEP. 22	70.97

301315093165501 LOCAL WELL NUMBER: CU-737

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 700 FT, SCREENED 690-700. MP TOP OF 1-IN CASING, 3.35 FT ABOVE LSD.

LSD 6.89 FT NGVD.
HIGHEST WATER LEVEL 87.56 BELOW LSD, APR. 2, 1962.
LOWEST WATER LEVEL 145.17 BELOW LSD, JULY 25, 1974.
RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1981	129.40	FEB. 24, 1982	121.71	MAY 7, 1982	118.79	JULY 21, 1982	119.32
NOV. 20	124.40	MAR. 25	119.98	MAY 18	118.63	AUG. 26	119.70
DEC. 15	121.81	APR. 20	120.94	JUNE 22	119.42	SEP. 22	120.42
JAN. 25, 1982	122.78						

301315093165502 LOCAL WELL NUMBER: CU-738

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 560 FT, SCREENED 550-560. MP TOP OF 2-IN CASING, 1.66 FT ABOVE LSD.

LSD 6.57 FT NGVD.
HIGHEST WATER LEVEL 91.64 BELOW LSD, APR. 2, 1962.
LOWEST WATER LEVEL 152.55 BELOW LSD, JULY 25, 1974.
RECORDS AVAILABLE 1962-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1982	124.90						

301315093165503 LOCAL WELL NUMBER: CU-739

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 201 FT, SCREENED 191-201. MP TOP OF 2-IN PIPE, 1.91 FT ABOVE LSD.

LSD 6.63 FT NGVD.
HIGHEST WATER LEVEL 32.14 BELOW LSD, JAN. 21, 1975.
LOWEST WATER LEVEL 68.83 BELOW LSD, JAN. 24, 1973.
RECORDS AVAILABLE 1962-73, 1975-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1982	63.27						

301300093161601 LOCAL WELL NUMBER: CU-746

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 780 FT, SCREENED 770-780. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.

LSD 7.22 FT NGVD.
HIGHEST WATER LEVEL 80.32 BELOW LSD, APR. 30, 1962.
LOWEST WATER LEVEL 131.63 BELOW LSD, MAR. 8, 1969.
RECORDS AVAILABLE 1962-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1982	110.11						

301300093161602 LOCAL WELL NUMBER: CU-747

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 540 FT, SCREENED 530-540. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
LSD 7.17 FT NGVD.
HIGHEST WATER LEVEL 88.60 BELOW LSD, MAR. 29, 1963.
LOWEST WATER LEVEL 134.14 BELOW LSD, JUNE 21, 1978.
RECORDS AVAILABLE 1963-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1982	115.40						

301300093161603 LOCAL WELL NUMBER: CU-748

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 280 FT, SCREENED 270-280. MP TOP OF 2-IN CASING, 2.12 FT ABOVE LSD.
LSD 7.15 FT NGVD.
HIGHEST WATER LEVEL 43.52 BELOW LSD, MAR. 29, 1963.
LOWEST WATER LEVEL 69.76 BELOW LSD, NOV. 25, 1968.
RECORDS AVAILABLE 1963-73, 1976-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1982	61.03						

301321093125501 LOCAL WELL NUMBER: CU-755

OWNER: PURE ICE CO. (SEC. 6, T. 10S., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 TO 6 IN, REPORTED DEPTH 430 FT, SCREENED 370-430. MP ACCESS HOLE IN PUMP BASE, 2.83 FT ABOVE LSD.
LSD 8.29 FT NGVD.
HIGHEST WATER LEVEL 67.72 BELOW LSD, APR. 1, 1963.
LOWEST WATER LEVEL 111.17 BELOW LSD, SEP. 10, 1971.
RECORDS AVAILABLE 1962-75, 1977-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1982	89.34						

301036093124401 LOCAL WELL NUMBER: CU-767

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 850 FT, SCREENED 840-850. MP TOP OF 2-IN CASING, 1.99 FT ABOVE LSD.
LSD 11.42 FT NGVD.
HIGHEST WATER LEVEL 63.26 BELOW LSD, MAR. 29, 1963.
LOWEST WATER LEVEL 105.98 BELOW LSD, SEP. 30, 1974.
RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1981	93.26	FEB. 23, 1982	86.81	APR. 20, 1982	86.61	JULY 21, 1982	91.89
NOV. 20	90.99	MAR. 25	85.70	MAY 18	87.69	AUG. 26	89.13
DEC. 15	89.09	APR. 15	86.35	JUNE 21	92.13	SEP. 23	87.92
JAN. 25, 1982	88.29						

301036093124402 LOCAL WELL NUMBER: CU-768

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 306 FT, SCREENED 296-306. MP TOP OF 2-IN CASING, 2.40 FT ABOVE LSD.
LSD 11.53 FT NGVD.
HIGHEST WATER LEVEL 53.00 BELOW LSD, MAR. 29, 1963.
LOWEST WATER LEVEL 89.59 BELOW LSD, FEB. 28, 1973.
RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1981	78.54	JAN. 25, 1982	74.64	APR. 20, 1982	72.62	JULY 21, 1982	75.85
NOV. 20	76.93	FEB. 23	73.49	MAY 18	73.39	AUG. 26	74.80
DEC. 15	75.59	MAR. 25	72.77	JUNE 21	75.97	SEP. 23	74.27

301336093183001 LOCAL WELL NUMBER: CU-769

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 642 FT, SCREENED 632-642. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
LSD 17.62 FT NGVD.
HIGHEST WATER LEVEL 91.56 BELOW LSD, MAR. 28, 1963.
LOWEST WATER LEVEL 146.44 BELOW LSD, JULY 25, 1974.
RECORDS AVAILABLE 1963-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	121.64	APR. 29, 1982	119.00				

301336093183003 LOCAL WELL NUMBER: CU-770

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 490 FT, SCREENED 480-490. MP TOP OF 2-IN CASING, 2.13 FT ABOVE LSD.
LSD 17.54 FT NGVD.
HIGHEST WATER LEVEL 91.77 BELOW LSD, MAR. 28, 1963.
LOWEST WATER LEVEL 146.72 BELOW LSD, JULY 25, 1974.
RECORDS AVAILABLE 1963-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	121.88						

301336093183002 LOCAL WELL NUMBER: CU-771

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 241 FT, SCREENED 231-241. MP TOP OF 2-IN CASING, 2.02 FT ABOVE LSD.
LSD 17.76 FT NGVD.
HIGHEST WATER LEVEL 54.97 BELOW LSD, MAR. 28, 1963.
LOWEST WATER LEVEL 83.83 BELOW LSD, JULY 21, 1971.
RECORDS AVAILABLE 1963-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	73.31						

301218093175803 LOCAL WELL NUMBER: CU-784

OWNER: U. S. GEOL. SURVEY. (SEC. 9, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 532 FT, SCREENED 522-532. MP TOP OF 2-IN PLASTIC PIPE, 2.00 FT ABOVE LSD.
LSD 10.78 FT NGVD.
HIGHEST WATER LEVEL 89.65 BELOW LSD, APR. 8, 1964.
LOWEST WATER LEVEL 144.88 BELOW LSD, JULY 25, 1974.
RECORDS AVAILABLE 1964-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	115.99	APR. 29, 1982	112.63				

300820093131903 LOCAL WELL NUMBER: CU-786U

OWNER: U. S. GEOL. SURVEY. (SEC. 6, T. 11S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 840 FT, SCREENED 830-840. MP TOP OF 4-IN CASING, 2.63 FT ABOVE LSD.
LSD 13.25 FT NGVD.
HIGHEST WATER LEVEL 62.19 BELOW LSD, APR. 14, 1965.
LOWEST WATER LEVEL 104.48 BELOW LSD, JULY 21, 1971.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1982	80.68	APR. 15, 1982	80.39				

300820093131904 LOCAL WELL NUMBER: CU-786L

OWNER: U. S. GEOL. SURVEY. (SEC. 6, T. 11S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 880 FT, SCREENED 870-880. MP TOP OF 4-IN CASING, 2.63 FT ABOVE LSD.
LSD 13.25 FT NGVD.
HIGHEST WATER LEVEL 62.32 BELOW LSD, APR. 14, 1965.
LOWEST WATER LEVEL 100.71 BELOW LSD, JULY 30, 1973.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1982	80.43	APR. 15, 1982	80.52				

300353093210201 LOCAL WELL NUMBER: CU-787

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 11S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 734 FT, SCREENED 729-734.
MP TOP OF 2-IN CASING, 4.00 FT ABOVE LSD.
LSD 4.33 FT NGVD.
HIGHEST WATER LEVEL 46.98 BELOW LSD, APR. 13, 1965.
LOWEST WATER LEVEL 78.58 BELOW LSD, AUG. 2, 1972.
RECORDS AVAILABLE 1964-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 4, 1982	64.48	APR. 14, 1982	63.31				

300825093260801 LOCAL WELL NUMBER: CU-788

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 10S., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 805 FT, SCREENED 800-805.
MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
LSD 6.11 FT NGVD.
HIGHEST WATER LEVEL 47.61 BELOW LSD, APR. 12, 1965.
LOWEST WATER LEVEL 77.82 BELOW LSD, AUG. 2, 1972.
RECORDS AVAILABLE 1964-75, 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1982	64.18	APR. 16, 1982	63.64				

301100093200001 LOCAL WELL NUMBER: CU-789

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 640 FT, SCREENED 635-640.
MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
LSD 18.42 FT NGVD.
HIGHEST WATER LEVEL 86.31 BELOW LSD, APR. 12, 1965.
LOWEST WATER LEVEL 131.68 BELOW LSD, AUG. 2, 1972.
RECORDS AVAILABLE 1964-75, 1977-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	105.15	APR. 14, 1982	103.10	SEP. 21, 1982	102.04		

302337093244601 LOCAL WELL NUMBER: CU-790

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 8S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 360 FT, SCREENED 355-360. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
LSD 53.29 FT NGVD.
HIGHEST WATER LEVEL 61.15 BELOW LSD, MAR. 24, 1965.
LOWEST WATER LEVEL 78.29 BELOW LSD, JUNE 19, 1975.
RECORDS AVAILABLE 1964-77, 1979, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	72.61						

301339093074701 LOCAL WELL NUMBER: CU-796

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 9S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 490 FT, SCREENED 485-490. MP TOP OF 2-IN CASING, 2.50 FT ABOVE LSD.
LSD 10.76 FT NGVD.
HIGHEST WATER LEVEL 58.88 BELOW LSD, MAR. 20, 1967.
LOWEST WATER LEVEL 73.83 BELOW LSD, FEB. 18, 1981.
RECORDS AVAILABLE 1965-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1982	73.19						

300812093165802 LOCAL WELL NUMBER: CU-811

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 11S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 923 FT, SCREENED 912-923. MP TOP OF 2-IN CASING, 1.65 FT ABOVE LSD.
LSD 11.00 FT NGVD.
HIGHEST WATER LEVEL 84.44 BELOW LSD, FEB. 25, 1982.
LOWEST WATER LEVEL 99.85 BELOW LSD, SEP. 8, 1975.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1982	84.44						

301148093193201 LOCAL WELL NUMBER: CU-842

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 18, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 575 FT, SCREENED 572-575. MP TOP OF CASING, 1.75 FT BELOW LSD.
LSD 12.00 FT NGVD.
HIGHEST WATER LEVEL 118.65 BELOW LSD, APR. 27, 1982.
LOWEST WATER LEVEL 160.98 BELOW LSD, SEP. 10, 1973.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	127.25	APR. 27, 1982	118.65	SEP. 21, 1982	118.83		

301148093193202 LOCAL WELL NUMBER: CU-843

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 18, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 205 FT, SCREENED 200-205. MP TOP OF CASING, 0.87 FT BELOW LSD.
LSD 12.00 FT NGVD.
HIGHEST WATER LEVEL 64.90 BELOW LSD, SEP. 21, 1982.
LOWEST WATER LEVEL 73.05 BELOW LSD, SEP. 10, 1974.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	66.63	APR. 28, 1982	65.25	SEP. 21, 1982	64.90		

301148093193203 LOCAL WELL NUMBER: CU-844

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 18, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 430 FT, SCREENED 425-430. MP TOP OF CASING, 0.68 BELOW LSD.
LSD 12.00 FT NGVD.
HIGHEST WATER LEVEL 104.66 BELOW LSD, SEP. 21, 1982.
LOWEST WATER LEVEL 162.39 BELOW LSD, AUG. 1, 1974.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	123.54	SEP. 21, 1982	104.66				

301230093193202 LOCAL WELL NUMBER: CU-847

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 7, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 522 FT, SCREENED 517-522.
MP TOP OF 2-IN PIPE, 1.93 FT ABOVE LSD.
LSD 13.00 FT NGVD.
HIGHEST WATER LEVEL 113.69 BELOW LSD, FEB. 22, 1982,
LOWEST WATER LEVEL 140.65 BELOW LSD, JULY 25, 1974.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	113.69						

301043093201601 LOCAL WELL NUMBER: CU-848

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 24, T. 10S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 542 FT, SCREENED 537-542.
MP TOP OF 2-IN CASING, 1.00 FT ABOVE LSD.
LSD 15.00 FT NGVD.
HIGHEST WATER LEVEL 126.86 BELOW LSD, APR. 30, 1982,
LOWEST WATER LEVEL 166.65 BELOW LSD, AUG. 1, 1974.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	130.86	APR. 30, 1982	126.86				

301205093182501 LOCAL WELL NUMBER: CU-849

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 8, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 564 FT, SCREENED 559-564.
MP TOP OF 2-IN CASING, 1.42 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 114.85 BELOW LSD, FEB. 22, 1982,
LOWEST WATER LEVEL 162.33 BELOW LSD, OCT. 17, 1973.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	114.85						

301200093191901 LOCAL WELL NUMBER: CU-850

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 7, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 548 FT, SCREENED 543-548.
MP TOP OF 2-IN CASING, 1.25 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 108.20 BELOW LSD, APR. 28, 1982,
LOWEST WATER LEVEL 148.75 BELOW LSD, JULY 25, 1974.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	116.76	APR. 28, 1982	108.20	SEP. 24, 1982	109.27		

301213093191701 LOCAL WELL NUMBER: CU-851

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 7, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 555 FT, SCREENED 550-555.
MP TOP OF 2-IN CASING, 1.16 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 110.16 BELOW LSD, SEP. 23, 1982,
LOWEST WATER LEVEL 145.67 BELOW LSD, JULY 25, 1974.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	116.35	APR. 29, 1982	110.69	SEP. 23, 1982	110.16		

301153093192101 LOCAL WELL NUMBER: CU-852

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 7, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 560 FT, SCREENED 555-560. MP TOP OF 2-IN CASING, 4.40 FT ABOVE LSD.
LSD 11.00 FT NGVD.
HIGHEST WATER LEVEL 104.11 BELOW LSD, MAR. 18, 1973.
LOWEST WATER LEVEL 154.60 BELOW LSD, JULY 25, 1974.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	120.65	APR. 28, 1982	113.44	SEP. 24, 1982	112.35		

300806093360301 LOCAL WELL NUMBER: CU-853

OWNER: MATILDA GRAY ESTATE. (SEC. 4, T. 11S., R. 12W.) DRILLED STOCK-SUPPLY ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 230 FT, SCREENED 220-230. MP 1/2-IN PLUG IN SANITARY SEAL, 1.65 FT ABOVE LSD.
LSD 18.00 FT NGVD.
HIGHEST WATER LEVEL 60.02 BELOW LSD, MAR. 3, 1982.
LOWEST WATER LEVEL 62.41 BELOW LSD, FEB. 28, 1979.
RECORDS AVAILABLE 1977-79, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	60.02						

300643093044702 LOCAL WELL NUMBER: CU-854

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 11S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 430 FT, SCREENED 420-430. MP TOP OF 2-IN CASING, 2.91 FT ABOVE LSD.
LSD 20.00 FT NGVD.
HIGHEST WATER LEVEL 52.42 BELOW LSD, MAR. 11, 1976,
LOWEST WATER LEVEL 77.47 BELOW LSD, JUNE 19, 1975.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	56.12						

300643093044701 LOCAL WELL NUMBER: CU-947

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 11S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 600 FT, SCREENED 595-600. MP TOP OF 2-IN CASING, 1.14 FT ABOVE LSD.
LSD 20.00 FT NGVD.
HIGHEST WATER LEVEL 64.54 BELOW LSD, MAR. 11, 1976,
LOWEST WATER LEVEL 75.84 BELOW LSD, SEP. 3, 1974.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	65.78						

301944093170401 LOCAL WELL NUMBER: CU-958

OWNER: U. S. GEOL. SURVEY. (SEC. 35, T. 8S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 707 FT, SCREENED 702-707. MP TOP OF 2-IN CASING, 3.00 FT ABOVE LSD.
LSD 20.00 FT NGVD.
HIGHEST WATER LEVEL 63.05 BELOW LSD, MAR. 2, 1982,
LOWEST WATER LEVEL 73.68 BELOW LSD, AUG. 1, 1974.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1982	63.05						

301031093204901 LOCAL WELL NUMBER: CU-959

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 10S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 733 FT, SCREENED 727-733, MP TOP OF 2-IN CASING, 2.85 FT ABOVE LSD.
LSD 21.00 FT NGVD.
HIGHEST WATER LEVEL 104.68 BELOW LSD, FEB. 22, 1982,
LOWEST WATER LEVEL 128.70 BELOW LSD, AUG. 1, 1974.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	104.68						

301031093204902 LOCAL WELL NUMBER: CU-960

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 10S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 598 FT, SCREENED 592-598, MP TOP OF 2-IN CASING, 2.86 FT ABOVE LSD.
LSD 21.00 FT NGVD.
HIGHEST WATER LEVEL 108.36 BELOW LSD, FEB. 22, 1982,
LOWEST WATER LEVEL 134.18 BELOW LSD, AUG. 1, 1974.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	108.36						

300812093165801 LOCAL WELL NUMBER: CU-962

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 11S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 287 FT, SCREENED 281-287, MP TOP OF 2-IN CASING, 1.70 FT ABOVE LSD.
LSD 11.00 FT NGVD.
HIGHEST WATER LEVEL 52.97 BELOW LSD, MAR. 4, 1976,
LOWEST WATER LEVEL 55.24 BELOW LSD, FEB. 17, 1981.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1982	55.05						

300718093220001 LOCAL WELL NUMBER: CU-963

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 11S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 399 FT, SCREENED 393-399, MP TOP OF 2-IN CASING, 1.60 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 78.41 BELOW LSD, MAR. 4, 1982,
LOWEST WATER LEVEL 96.77 BELOW LSD, AUG. 1, 1974.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 4, 1982	78.41						

301339093253901 LOCAL WELL NUMBER: CU-964

OWNER: U. S. GEOL. SURVEY. (SEC. 31, T. 9S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 360 FT, SCREENED 354-360, MP TOP OF 2-IN CASING, 1.30 FT ABOVE LSD.
LSD 15.00 FT NGVD.
HIGHEST WATER LEVEL 72.26 BELOW LSD, MAR. 2, 1982,
LOWEST WATER LEVEL 89.78 BELOW LSD, AUG. 19, 1975.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1982	72.26						

300534092564401 LOCAL WELL NUMBER: CU-970

OWNER: U. S. GEOL. SURVEY, (SEC. 18, T. 11S., R. 5W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 780 FT, SCREENED 770-780, MP TOP OF 2-IN CASING, 1.90 FT ABOVE LSD.
LSD 5.00 FT NGVD.
HIGHEST WATER LEVEL 36.83 BELOW LSD, MAR. 1, 1979.
LOWEST WATER LEVEL 44.28 BELOW LSD, JULY 24, 1975.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 6, 1982	42.70						

300534092564402 LOCAL WELL NUMBER: CU-971

OWNER: U. S. GEOL. SURVEY, (SEC. 18, T. 11S., R. 5W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 500 FT, SCREENED 490-500. MP TOP OF 2-IN CASING, 1.70 FT ABOVE LSD.
LSD 5.00 FT NGVD.
HIGHEST WATER LEVEL 34.10 BELOW LSD, MAR. 2, 1978.
LOWEST WATER LEVEL 46.18 BELOW LSD, JULY 24, 1975.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 6, 1982	41.89						

301601093130601 LOCAL WELL NUMBER: CU-973

OWNER: U. S. GEOL. SURVEY, (SEC. 30, T. 9S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 661 FT, SCREENED 651-661. MP TOP OF 2-IN CASING, 4.22 FT ABOVE LSD.
LSD 5.00 FT NGVD.
HIGHEST WATER LEVEL 81.61 BELOW LSD, MAR. 18, 1977.
LOWEST WATER LEVEL 93.05 BELOW LSD, AUG. 18, 1975.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1982	82.02						

301601093130602 LOCAL WELL NUMBER: CU-974

OWNER: U. S. GEOL. SURVEY, (SEC. 30, T. 9S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 466 FT, SCREENED 456-466. MP TOP OF 2-IN CASING, 4.00 FT ABOVE LSD.
LSD 5.00 FT NGVD.
HIGHEST WATER LEVEL 80.94 BELOW LSD, FEB. 25, 1982.
LOWEST WATER LEVEL 92.83 BELOW LSD, AUG. 18, 1975.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1982	80.94						

301129093183001 LOCAL WELL NUMBER: CU-976

OWNER: U. S. GEOL. SURVEY, (SEC. 8, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 550 FT, SCREENED 545-550. MP TOP OF 2-IN CASING, 1.25 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 105.87 BELOW LSD, SEP. 23, 1982.
LOWEST WATER LEVEL 129.07 BELOW LSD, JUNE 13, 1977.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	109.78	APR. 29, 1982	105.95	SEP. 23, 1982	105.87		

301944093170402 LOCAL WELL NUMBER: CU-977

OWNER: U. S. GEOL. SURVEY. (SEC. 35, T. 8S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 515 FT, SCREENED 510-515. MP TOP OF 2-IN CASING, 2.45 FT ABOVE LSD.
LSD 20.00 FT NGVD.
HIGHEST WATER LEVEL 62.32 BELOW LSD, MAR. 2, 1982,
LOWEST WATER LEVEL 71.87 BELOW LSD, AUG. 19, 1975.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1982	62.32						

301409093120301 LOCAL WELL NUMBER: CU-978

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 32, T. 9S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 645 FT, SCREENED 640-645. MP TOP OF 2-IN CASING, 2.75 FT ABOVE LSD.
LSD 15.00 FT NGVD.
HIGHEST WATER LEVEL 90.73 BELOW LSD, FEB. 23, 1982,
LOWEST WATER LEVEL 100.35 BELOW LSD, MAY 19, 1978.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1982	90.73						

301005093110401 LOCAL WELL NUMBER: CU-979

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 28, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 555 FT, SCREENED 550-555. MP TOP OF 2-IN CASING, 3.00 FT ABOVE LSD.
LSD 20.00 FT NGVD.
HIGHEST WATER LEVEL 86.79 BELOW LSD, MAR. 23, 1976,
LOWEST WATER LEVEL 102.61 BELOW LSD, JUNE 23, 1978.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1982	87.42						

300813093403901 LOCAL WELL NUMBER: CU-981

OWNER: LA. TOURIST COMMISSION. (SEC. 3, T. 11S., R. 13W.) DRILLED RECREATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 200 FT, SCREENED 180-200. MP VENT IN TOP OF SANITARY SEAL, 1.75 FT ABOVE LSD.
LSD 9.00 FT NGVD.
HIGHEST WATER LEVEL 12.17 BELOW LSD, MAR. 5, 1975,
LOWEST WATER LEVEL 14.35 BELOW LSD, MAR. 10, 1977.
RECORDS AVAILABLE 1975-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	13.70						

301008093172001 LOCAL WELL NUMBER: CU-982

OWNER: MRS. R. G. STEWART. (SEC. 21, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 500 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 4-IN CASING, 1.57 FT ABOVE LSD.
LSD 20.00 FT NGVD.
HIGHEST WATER LEVEL 107.08 BELOW LSD, FEB. 25, 1982,
LOWEST WATER LEVEL 114.75 BELOW LSD, FEB. 18, 1981.
RECORDS AVAILABLE 1974-75, 1977, 1979, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1982	107.08						

CALCASIEU PARISH

301335093130101 LOCAL WELL NUMBER: CU-985

OWNER: CARL H. HANCHEY. (SEC. 6, T. 9S., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 400 FT, SCREENED 380-400. MP TOP OF COUPLING (MUST REMOVE PLUG TO MEASURE), 0.18 FT ABOVE LSD.
LSD 17.00 FT NGVD.
HIGHEST WATER LEVEL 98.53 BELOW LSD, FEB. 23, 1982.
LOWEST WATER LEVEL 115.32 BELOW LSD, JULY 19, 1978.
RECORDS AVAILABLE 1975-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1982	98.53						

301059093125101 LOCAL WELL NUMBER: CU-988

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 523 FT, SCREENED 518-523. MP TOP OF CASING, 0.21 FT BELOW LSD.
LSD 14.00 FT NGVD.
HIGHEST WATER LEVEL 93.94 BELOW LSD, APR. 16, 1980.
LOWEST WATER LEVEL 113.62 BELOW LSD, JULY 19, 1978.
RECORDS AVAILABLE 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1982	93.97						

301059093125102 LOCAL WELL NUMBER: CU-989

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 335 FT, SCREENED 330-335. MP TOP OF CASING, 0.20 FT BELOW LSD.
LSD 14.00 FT NGVD.
HIGHEST WATER LEVEL 75.02 BELOW LSD, JAN. 24, 1977.
LOWEST WATER LEVEL 88.50 BELOW LSD, JULY 19, 1978.
RECORDS AVAILABLE 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1982	77.89						

301059093125103 LOCAL WELL NUMBER: CU-990

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 183 FT, SCREENED 178-183. MP TOP OF CASING, 0.36 FT BELOW LSD.
LSD 14.00 FT NGVD.
HIGHEST WATER LEVEL 66.18 BELOW LSD, APR. 22, 1976.
LOWEST WATER LEVEL 73.83 BELOW LSD, AUG. 16, 1978.
RECORDS AVAILABLE 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1982	68.80						

301436093335101 LOCAL WELL NUMBER: CU-991

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 9S., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 315 FT, SCREENED 310-315. MP TOP OF 2-IN CASING, 0.70 FT ABOVE LSD (SINCE 2/19/81).
LSD 20.00 FT NGVD.
HIGHEST WATER LEVEL 42.15 BELOW LSD, FEB. 21, 1980.
LOWEST WATER LEVEL 48.00 BELOW LSD, FEB. 12, 1976.
RECORDS AVAILABLE 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	43.48						

300634093400401 LOCAL WELL NUMBER: CU-994

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 11S., R. 13W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 757 FT. SCREENED 752-757. MP TOP OF 2-IN CASING, 2.90 FT ABOVE LSD.
LSD 5.00 FT NGVD.
HIGHEST WATER LEVEL 51.83 BELOW LSD, MAR. 3, 1982.
LOWEST WATER LEVEL 53.84 BELOW LSD, FEB. 28, 1979.
RECORDS AVAILABLE 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	51.83						

301141093123501 LOCAL WELL NUMBER: CU-1020

OWNER: U. S. GEOL. SURVEY. (SEC. 17, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 4 IN. DEPTH 375 FT. SCREENED 367-375. MP TOP OF CASING, 1.90 FT ABOVE LSD.
LSD 18.00 FT NGVD.
HIGHEST WATER LEVEL 94.05 BELOW LSD, FEB. 23, 1982.
LOWEST WATER LEVEL 114.27 BELOW LSD, JULY 7, 1978.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1982	94.05						

301435093154601 LOCAL WELL NUMBER: CU-1021

OWNER: U. S. GEOL. SURVEY. (SEC. 26, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 487 FT. SCREENED 477-487. MP TOP OF CASING, 1.75 FT ABOVE LSD.
LSD 12.00 FT NGVD.
HIGHEST WATER LEVEL 114.39 BELOW LSD, FEB. 25, 1982.
LOWEST WATER LEVEL 133.57 BELOW LSD, JULY 19, 1978.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1982	114.39						

301444093162901 LOCAL WELL NUMBER: CU-1022

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 618 FT. SCREENED 608-618. MP TOP OF CASING, 1.00 FT ABOVE LSD.
LSD 11.00 FT NGVD.
HIGHEST WATER LEVEL 117.42 BELOW LSD, FEB. 25, 1982.
LOWEST WATER LEVEL 137.32 BELOW LSD, AUG. 16, 1978.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1982	117.42						

301404093170507 LOCAL WELL NUMBER: CU-1040

OWNER: U. S. GEOL. SURVEY. (SEC. 33, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 352 FT. SCREENED 342-352. MP TOP OF 2-IN PIPE, 1.50 FT ABOVE LSD.
LSD 19.10 FT NGVD.
HIGHEST WATER LEVEL 135.67 BELOW LSD, APR. 30, 1982.
LOWEST WATER LEVEL 146.29 BELOW LSD, FEB. 23, 1981.
RECORDS AVAILABLE 1979, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	139.15	APR. 30, 1982	135.67				

CALCASIEU PARISH

300702093165801 LOCAL WELL NUMBER: CU-1041

OWNER: U. S. GEOL. SURVEY. (SEC. 9, T. 11S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 560 FT. SCREENED 550-560. MP TOP OF 2-IN PIPE, 1.20 FT ABOVE LSD.

LSD 9.00 FT NGVD.

HIGHEST WATER LEVEL 78.66 BELOW LSD, APR. 13, 1982.

LOWEST WATER LEVEL 88.51 BELOW LSD, OCT. 31, 1979.

RECORDS AVAILABLE 1979, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1982	80.12	APR. 13, 1982	78.66				

301711093190402 LOCAL WELL NUMBER: CU-1046

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 688 FT. SCREENED 678-688. MP TOP OF CASING, AT LSD.

LSD 17.00 FT NGVD.

HIGHEST WATER LEVEL 84.26 BELOW LSD, SEP. 22, 1982.

LOWEST WATER LEVEL 90.38 BELOW LSD, FEB. 4, 1981.

RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	86.23	APR. 12, 1982	85.27	SEP. 22, 1982	84.26		

301410093193301 LOCAL WELL NUMBER: CU-1048

OWNER: U. S. GEOL. SURVEY. (SEC. 31, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 705 FT. SCREENED 695-705. MP EDGE OF METER BOX, 0.50 FT BELOW LSD.

LSD 12.50 FT NGVD.

HIGHEST WATER LEVEL 102.33 BELOW LSD, SEP. 16, 1982.

LOWEST WATER LEVEL 118.64 BELOW LSD, AUG. 5, 1980.

RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 22, 1982	104.97	APR. 12, 1982	103.65	SEP. 16, 1982	102.33		

CAMERON PARISH

295324093240601 LOCAL WELL NUMBER: CN-73

OWNER: SABINE NATIONAL WILDLIFE REFUGE. (SEC. 32, T. 13S., R. 10W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 6 TO 4 IN. REPORTED DEPTH 515 FT. SCREENED 500-515. MP TOP OF 1/2-IN PLUG HOLE IN STEEL PLATE, 0.50 FT ABOVE LSD.

LSD 9.59 FT NGVD.

HIGHEST WATER LEVEL 19.40 BELOW LSD, MAR. 27, 1961.

LOWEST WATER LEVEL 38.84 BELOW LSD, FEB. 15, 1978.

RECORDS AVAILABLE 1961-72, 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 4, 1982	34.29						

295846092381104 LOCAL WELL NUMBER: CN-80U

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 453 FT. SCREENED 443-453. MP TOP OF 1-IN PIPE, 3.32 FT ABOVE LSD.

LSD 4.73 FT NGVD.

HIGHEST WATER LEVEL 19.42 BELOW LSD, MAR. 22, 1965.

LOWEST WATER LEVEL 30.80 BELOW LSD, JUNE 20, 1978.

RECORDS AVAILABLE 1964-75, 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 12, 1982	29.15						

295846092381105 LOCAL WELL NUMBER: CN-80L

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 TO 1 IN, DEPTH 481 FT. SCREENED 475-481. MP TOP OF 1-IN PIPE, 3.32 FT ABOVE LSD.
LSD 4.73 FT NGVD.
HIGHEST WATER LEVEL 19.47 BELOW LSD, MAR. 22, 1965,
LOWEST WATER LEVEL 30.88 BELOW LSD, JUNE 20, 1978.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 12, 1982	29.36						

300125092382503 LOCAL WELL NUMBER: CN-81U

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN, DEPTH 448 FT. SCREENED 438-448. MP TOP OF 1-IN PIPE, 3.18 FT ABOVE LSD.
LSD 4.45 FT NGVD.
HIGHEST WATER LEVEL 20.92 BELOW LSD, MAR. 22, 1965,
LOWEST WATER LEVEL 31.83 BELOW LSD, MAY 11, 1982.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 11, 1982	31.83						

300125092382504 LOCAL WELL NUMBER: CN-81L

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 TO 1 IN, DEPTH 478 FT. SCREENED 468-478. MP TOP OF 1-IN PIPE, 3.18 FT ABOVE LSD.
LSD 4.45 FT NGVD.
HIGHEST WATER LEVEL 20.99 BELOW LSD, MAR. 22, 1965,
LOWEST WATER LEVEL 32.37 BELOW LSD, MAY 11, 1982.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 11, 1982	32.37						

300120093320801 LOCAL WELL NUMBER: CN-86U

OWNER: U. S. GEOL. SURVEY. (SEC. 13, T. 12S., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 4 IN, DEPTH 535 FT. SCREENED 525-535. MP TOP OF 1-IN PIPE, 2.91 FT ABOVE LSD.
LSD 3.66 FT NGVD.
HIGHEST WATER LEVEL 32.01 BELOW LSD, APR. 12, 1965,
LOWEST WATER LEVEL 51.22 BELOW LSD, SEP. 19, 1971.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 3, 1982	47.16						

300120093320802 LOCAL WELL NUMBER: CN-86L

OWNER: U. S. GEOL. SURVEY. (SEC. 13, T. 12S., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 4 TO 1 IN, DEPTH 641 FT. SCREENED 631-641. MP TOP OF 1-IN PIPE, 2.91 FT ABOVE LSD.
LSD 3.66 FT NGVD.
HIGHEST WATER LEVEL 32.16 BELOW LSD, APR. 12, 1965,
LOWEST WATER LEVEL 51.34 BELOW LSD, SEP. 19, 1971.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 3, 1982	47.37						

CAMERON PARISH

295324093240602 LOCAL WELL NUMBER: CN-87

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 13S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 804 FT, SCREENED 798-804. MP TOP OF 2-IN CASING, 1.00 FT ABOVE LSD.
LSD 8.46 FT NGVD.
HIGHEST WATER LEVEL 22.38 BELOW LSD, DEC. 16, 1963,
LOWEST WATER LEVEL 49.63 BELOW LSD, SEP. 28, 1978.
RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 4, 1982	45.91						

300055093093003 LOCAL WELL NUMBER: CN-88U

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 12S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 666 FT, SCREENED 656-666. MP TOP OF 1/2-IN PIPE, 2.68 FT ABOVE LSD.
LSD 8.86 FT NGVD.
HIGHEST WATER LEVEL 39.97 BELOW LSD, APR. 13, 1965,
LOWEST WATER LEVEL 56.62 BELOW LSD, JULY 21, 1978.
RECORDS AVAILABLE 1964-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	54.58						

300055093093004 LOCAL WELL NUMBER: CN-88L

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 12S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 1/2 IN, DEPTH 804 FT, SCREENED 794-804. MP TOP OF 1/2-IN PIPE, 2.68 FT ABOVE LSD.
LSD 8.86 FT NGVD.
HIGHEST WATER LEVEL 40.27 BELOW LSD, APR. 13, 1965,
LOWEST WATER LEVEL 66.95 BELOW LSD, JULY 21, 1978.
RECORDS AVAILABLE 1964-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	55.49						

295611093044801 LOCAL WELL NUMBER: CN-90

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 13S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 396 FT, SCREENED 386-396. MP TOP OF 4-IN CASING, 1.71 FT ABOVE LSD.
LSD 3.19 FT NGVD.
HIGHEST WATER LEVEL 20.04 BELOW LSD, APR. 13, 1965,
LOWEST WATER LEVEL 36.85 BELOW LSD, AUG. 14, 1973.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 6, 1982	30.04						

300104093015601 LOCAL WELL NUMBER: CN-92

OWNER: U. S. GEOL. SURVEY. (SEC. 12, T. 12S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 443 FT, SCREENED 438-443. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
LSD 5.50 FT NGVD.
HIGHEST WATER LEVEL 26.02 BELOW LSD, APR. 13, 1965,
LOWEST WATER LEVEL 53.96 BELOW LSD, AUG. 14, 1973.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 6, 1982	38.26						

294709093174301   LOCAL WELL NUMBER: CN-93

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 16, T. 15S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 360 FT. SCREENED 355-360. MP TOP OF 2-IN CASING, 3.00 FT ABOVE LSD.
LSD   3.76 FT NGVD.
HIGHEST WATER LEVEL   9.64 BELOW LSD, DEC. 15, 1965.
LOWEST WATER LEVEL   25.83 BELOW LSD, FEB. 28, 1979.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 8, 1982	24.92						

295721093115701   LOCAL WELL NUMBER: CN-120

OWNER: U. S. GEOL. SURVEY. (T. 13S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 764 FT. SCREENED 754-764. MP TOP OF 2-IN CASING, 2.30 FT ABOVE LSD.
LSD   3.00 FT NGVD.
HIGHEST WATER LEVEL   36.85 BELOW LSD, DEC. 3, 1975.
LOWEST WATER LEVEL   51.02 BELOW LSD, JUNE 16, 1978.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	44.40	APR. 13, 1982	43.65				

300040093161801   LOCAL WELL NUMBER: CN-121

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 12S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 691 FT. SCREENED 681-691. MP TOP OF 2-IN CASING, 2.50 FT ABOVE LSD.
LSD   3.00 FT NGVD.
HIGHEST WATER LEVEL   52.10 BELOW LSD, APR. 13, 1982.
LOWEST WATER LEVEL   61.00 BELOW LSD, JUNE 16, 1978.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	52.82	APR. 13, 1982	52.10				

300140093202201   LOCAL WELL NUMBER: CN-122

OWNER: U. S. GEOL. SURVEY. (SEC. 12, T. 12S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 920 FT. SCREENED 910-920. MP TOP OF 2-IN CASING, 3.40 FT ABOVE LSD.
LSD   2.00 FT NGVD.
HIGHEST WATER LEVEL   56.33 BELOW LSD, MAY 4, 1982.
LOWEST WATER LEVEL   64.79 BELOW LSD, DEC. 3, 1974.
RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 4, 1982	57.38	MAY 4, 1982	56.33				

300051093081601   LOCAL WELL NUMBER: CN-149

OWNER: U. S. DEPARTMENT OF ENERGY. (SEC. 13, T. 12S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 435 FT. SCREENED INTERVAL 425-435. MP TOP OF 2-IN CASING, 1.35 FT ABOVE LSD.
LSD   9.00 FT NGVD.
HIGHEST WATER LEVEL   42.09 BELOW LSD, MAR. 3, 1982.
LOWEST WATER LEVEL   42.09 BELOW LSD, MAR. 3, 1982.
RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1982	42.09						

302745091092401   LOCAL WELL NUMBER: EB-90

OWNER: BATON ROUGE WATER WORKS. (SEC. 77, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 TO 4 IN, REPORTED DEPTH 2,120 FT, SCREENED 2,025-2,120. MP TOP OF COLLAR, 1.90 FT ABOVE LSD.
LSD 59.05 FT NGVD.
HIGHEST WATER LEVEL 12.70 ABOVE LSD, FEB. 23, 1943.
LOWEST WATER LEVEL 292.54 BELOW LSD, AUG. 31, 1973.
RECORDS AVAILABLE 1943-45, 1947-55, 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	260.53	JAN. 18, 1982	262.00	APR. 22, 1982	254.37	AUG. 2, 1982	259.30
NOV. 13	258.35	MAR. 8	258.06	JUNE 2	262.74	AUG. 30	257.80
DEC. 11	256.77						

302657091101201   LOCAL WELL NUMBER: EB-112

OWNER: KEAN'S LAUNDRY. (SEC. 48, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 TO 4 IN, REPORTED DEPTH 2,254 FT, SCREENED 2,173-2,254. MP TOP OF 1/2-IN BUSHING, AT LSD.
LSD 57.00 FT NGVD.
HIGHEST WATER LEVEL 74.00 ABOVE LSD, JAN. 2, 1930.
LOWEST WATER LEVEL 301.20 BELOW LSD, JULY 26, 1973.
RECORDS AVAILABLE 1930, 1940, 1943, 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	272.07	JAN. 19, 1982	274.32	MAY 6, 1982	270.85	AUG. 2, 1982	272.95

302604091095801   LOCAL WELL NUMBER: EB-123

OWNER: BATON ROUGE RECREATION AND PARK COMMISSION. (SEC. 53, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 12 TO 8 IN, DEPTH 710 FT, SCREENED 630-710. MP TOP OF RECORDER SHELTER FLOOR, 0.81 FT ABOVE LSD.
LSD 51.13 FT NGVD.
HIGHEST WATER LEVEL 50.70 BELOW LSD, APR. 1, 1935.
LOWEST WATER LEVEL 143.70 BELOW LSD, SEP. 4, 1940.
RECORDS AVAILABLE 1935, 1939-40, 1947-49, 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	82.98	JAN. 19, 1982	78.78	MAY 3, 1982	64.51	AUG. 2, 1982	77.74

302617091103602   LOCAL WELL NUMBER: EB-127

OWNER: BROWN-EAGLE ICE CO. (SEC. 49, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("SHALLOW PLEISTOCENE" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 10 TO 8 IN, DEPTH 330 FT, SCREENED 229-330. MP TOP OF RECORDER BASE, 1.73 FT BELOW LSD.
LSD 49.56 FT NGVD.
HIGHEST WATER LEVEL 14.66 BELOW LSD, APR. 27, 1979.
LOWEST WATER LEVEL 53.13 BELOW LSD, OCT. 26, 1956.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	45.87	JAN. 19, 1982	34.71	MAY 6, 1982	28.95	AUG. 2, 1982	37.33

302648091102301   LOCAL WELL NUMBER: EB-128

OWNER: DIVINCENTI BROS., INC. (SEC. 74, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("800-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 6 TO 4 IN, DEPTH 970 FT, SCREENED 840-883, 916-970. MP TOP OF 6-IN CASING, AT LSD.
LSD 57.02 FT NGVD.
HIGHEST WATER LEVEL 67.90 BELOW LSD, MAR. 15, 1946, MAR. 25, 1946.
LOWEST WATER LEVEL 128.42 BELOW LSD, SEP. 9, 1956.
RECORDS AVAILABLE 1940-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	89.41	JAN. 22, 1982	88.13	MAY 6, 1982	76.88	AUG. 2, 1982	87.10

302653091095701 LOCAL WELL NUMBER: EB-146

OWNER: BATON ROUGE DEPT. PUBLIC WORKS. (SEC. 73, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE. DIAM 6 TO 4 IN. REPORTED DEPTH 1,259 FT. SCREENED 1,199-1,259. MP EDGE OF 1/4-IN HOLE IN PLATE ATOP CASING, 0.45 FT BELOW LSD. LSD 52.00 FT NGVD.
HIGHEST WATER LEVEL 33.00 ABOVE LSD, MAR. 25, 1916.
LOWEST WATER LEVEL 118.15 BELOW LSD, JULY 12, 1979.
RECORDS AVAILABLE 1916, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	115.76	JAN. 19, 1982	113.71	MAY 6, 1982	111.80	AUG. 5, 1982	108.85

302930091101501 LOCAL WELL NUMBER: EB-155

OWNER: EXXON CO., U.S.A. (SEC. 43, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE. DIAM 18 TO 12 IN. REPORTED DEPTH 412 FT. SCREENED 311-412. MP TOP OF CASING COVER, 0.85 FT ABOVE LSD. LSD 60.14 FT NGVD.
HIGHEST WATER LEVEL 69.24 BELOW LSD, JUNE 5, 1981.
LOWEST WATER LEVEL 185.30 BELOW LSD, OCT. 15, 1968.
RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	116.56H	JAN. 5, 1982	107.07	APR. 5, 1982	91.30	JULY 5, 1982	86.73
OCT. 5	119.41	JAN. 10	103.21	APR. 10	90.68	JULY 10	86.13
OCT. 10	121.41	JAN. 15	92.81	APR. 15	92.57	JULY 15	84.83
OCT. 15	110.12	JAN. 18	91.35H	APR. 20	86.53	JULY 16	86.39H
OCT. 20	108.11	JAN. 20	89.31	APR. 22	90.22H	JULY 20	97.38
OCT. 25	116.64	JAN. 25	86.21	APR. 25	91.14	JULY 25	101.00
OCT. 31	119.91	JAN. 31	85.29	APR. 30	93.66	JULY 31	100.93
NOV. 5	108.23	FEB. 5	85.85	MAY 5	85.50	AUG. 5	103.23
NOV. 10	110.69	FEB. 10	80.46	MAY 10	85.86	AUG. 10	107.29
NOV. 13	108.09H	FEB. 15	76.76	MAY 15	85.83	AUG. 15	104.57
NOV. 15	110.59	FEB. 20	85.61	MAY 20	83.16	AUG. 20	103.05
NOV. 20	109.59	FEB. 25	84.74	MAY 25	83.08	AUG. 25	102.85
NOV. 25	102.91	FEB. 28	81.42	MAY 31	82.82	AUG. 26	99.85H
NOV. 30	102.74	MAR. 5	81.71	JUNE 2	86.67H	AUG. 31	96.09
DEC. 5	101.55	MAR. 8	78.15H	JUNE 5	84.15	SEP. 5	90.49
DEC. 10	98.77	MAR. 10	77.96	JUNE 10	85.50	SEP. 10	88.81
DEC. 11	98.30H	MAR. 15	82.15	JUNE 15	80.56	SEP. 15	92.03
DEC. 15	95.88	MAR. 20	81.81	JUNE 20	87.73	SEP. 20	92.19
DEC. 20	101.31	MAR. 25	81.40	JUNE 25	85.14	SEP. 25	87.62
DEC. 25	100.32	MAR. 31	86.41	JUNE 30	82.33	SEP. 30	94.26
DEC. 31	96.43						

303001091093801 LOCAL WELL NUMBER: EB-168

OWNER: BATON ROUGE WATER WORKS. (SEC. 38, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE. DIAM 8 TO 6 IN. REPORTED DEPTH 1,496 FT. SCREENED 1,416-1,496. MP TOP EDGE OF 1 1/2-IN COLLAR ON PLATE ATOP CASING, 1.95 FT ABOVE LSD. LSD 56.00 FT NGVD.
HIGHEST WATER LEVEL 14.00 ABOVE LSD, MAR. 1, 1943.
LOWEST WATER LEVEL 147.27 BELOW LSD, MAY 14, 1979.
RECORDS AVAILABLE 1943, 1948, 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	136.25	JAN. 18, 1982	140.94	APR. 22, 1982	129.22	JULY 16, 1982	128.15
NOV. 13	146.26	MAR. 8	127.32	JUNE 2	130.86	AUG. 30	129.50
DEC. 11	136.47						

303358091094401 LOCAL WELL NUMBER: EB-172

OWNER: BATON ROUGE RECREATION AND PARK COMMISSION. (SEC. 54, T. 5S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE. DIAM 4 TO 2 1/2 IN. DEPTH 239 FT. SCREENED 218-239. MP TOP OF CASING, 0.50 FT ABOVE LSD. LSD 66.00 FT NGVD.
HIGHEST WATER LEVEL 40.94 BELOW LSD, MAY 15, 1979.
LOWEST WATER LEVEL 62.90 BELOW LSD, NOV. 15, 1968.
RECORDS AVAILABLE 1942, 1948-50, 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	49.59	JAN. 29, 1982	50.29	APR. 26, 1982	43.34	JULY 19, 1982	43.92

EAST BATON ROUGE PARISH

302427091103901   LOCAL WELL NUMBER: EB-241

OWNER: LOUISIANA STATE UNIVERSITY, (SEC. 67, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 8 TO 4 IN, REPORTED DEPTH 933 FT, SCREENED INTERVAL UNKNOWN. MP TOP INSIDE EDGE OF MANHOLE FLANGE, 0.06 FT ABOVE LSD.
LSD 37.00 FT NGVD.
HIGHEST WATER LEVEL 31.60 ABOVE LSD, NOV. 1, 1932.
LOWEST WATER LEVEL 43.09 BELOW LSD, OCT. 14, 1981.
RECORDS AVAILABLE 1932, 1963-67, 1969-70, 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	43.09	MAY 6, 1982	42.02				

303026091113001   LOCAL WELL NUMBER: EB-297

OWNER: LA. OFFICE OF HIGHWAYS, (SEC. 37, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 1,940 FT, SCREENED 1,890-1,940. MP TOP OF 4-IN NIPPLE ATOP 4-IN CROSS, 2.20 FT ABOVE LSD.
LSD 61.00 FT NGVD.
HIGHEST WATER LEVEL 200.22 BELOW LSD, NOV. 7, 1967.
LOWEST WATER LEVEL 336.23 BELOW LSD, AUG. 31, 1973.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	284.47	JAN. 18, 1982	290.92	APR. 22, 1982	285.42	JULY 16, 1982	279.80
NOV. 13	287.65	MAR. 8	286.02	JUNE 2	291.31	AUG. 30	282.20
DEC. 11	279.28						

302549091073101   LOCAL WELL NUMBER: EB-301

OWNER: P. C. WITTER, (IRREG. SEC. 91, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,281 FT, SCREENED 1,217-1,281. MP TOP OF 2 1/2-IN COLLAR ABOVE PLATE ON 4-IN TEE, 1.30 FT ABOVE LSD.
LSD 53.45 FT NGVD.
HIGHEST WATER LEVEL 35.00 ABOVE LSD, AUG. 19, 1926.
LOWEST WATER LEVEL 110.82 BELOW LSD, OCT. 14, 1981.
RECORDS AVAILABLE 1926, 1943-44, 1946-49, 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	110.82	JAN. 22, 1982	105.43	APR. 30, 1982	101.67	AUG. 3, 1982	103.55

303440090592702   LOCAL WELL NUMBER: EB-304

OWNER: GREENWELL SPRINGS HOSPITAL, (SEC. 49, T. 5S., R. 2E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 IN, DEPTH 1,725 FT, SCREENED 1,685-1,725. MP LOWER EDGE OF COLLAR ON 3/4-IN NIPPLE ON SIDE OF CASING, 1.45 FT ABOVE LSD.
LSD 67.00 FT NGVD.
HIGHEST WATER LEVEL 81.00 ABOVE LSD, DEC. 19, 1941.
LOWEST WATER LEVEL 64.85 BELOW LSD, NOV. 6, 1979.
RECORDS AVAILABLE 1941, 1943-46, 1949-51, 1954-70, 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1981	64.45	FEB. 8, 1982	61.55	APR. 20, 1982	60.85	JULY 21, 1982	62.19

303441091074201   LOCAL WELL NUMBER: EB-322

OWNER: JOSEPH ROY BADEAUX, (SEC. 29, T. 5S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 TO 2 IN, DEPTH 1,971 FT, SCREENED 1,931-1,971. MP TOP EDGE OF 2 1/2-IN CASING, 0.25 FT ABOVE LSD.
LSD 63.00 FT NGVD.
HIGHEST WATER LEVEL 67.00 ABOVE LSD, DEC. 6, 1942.
LOWEST WATER LEVEL 80.34 BELOW LSD, OCT. 31, 1980.
RECORDS AVAILABLE 1942-51, 1959, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	79.86	JAN. 29, 1982	76.73	APR. 26, 1982	76.48	JULY 14, 1982	75.68

302820091072401   LOCAL WELL NUMBER: EB-327

OWNER: SPEDALE ESTATE. (SEC. 73, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, REPORTED DEPTH 1,236 FT, SCREENED 1,186-1,236. MP TOP OF 2-IN CASING EXTENSION, 1.40 FT ABOVE LSD.
LSD   55.00 FT NGVD.
HIGHEST WATER LEVEL 100.10 BELOW LSD, FEB. 7, 1974.
LOWEST WATER LEVEL 119.58 BELOW LSD, JULY 16, 1979.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	118.07	JAN. 18, 1982	117.85	MAY 3, 1982	114.56	JULY 16, 1982	114.10

302930091111301   LOCAL WELL NUMBER: EB-367

OWNER: GULF STATES UTILITIES CO. (SEC. 43, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 8 IN, REPORTED DEPTH 2,061 FT, SCREENED 1,961-2,061. MP ARROW ON PLATE ABOVE CASING, 0.40 FT ABOVE LSD.
LSD   64.40 FT NGVD.
HIGHEST WATER LEVEL   5.00 BELOW LSD, JUNE 16, 1942.
LOWEST WATER LEVEL 372.20 BELOW LSD, AUG. 17, 1973.
RECORDS AVAILABLE 1942, 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	307.92H	DEC. 25, 1981	300.12	MAR. 20, 1982	309.32	JUNE 15, 1982	305.57
OCT. 5	306.28	DEC. 31	297.67	MAR. 25	309.14	JUNE 20	300.69
OCT. 10	304.20	JAN. 5, 1982	290.44	MAR. 31	306.39	JUNE 25	299.66
OCT. 15	303.15	JAN. 10	294.48	APR. 5	303.24	JUNE 30	298.94
OCT. 20	303.69	JAN. 15	316.32	APR. 10	302.86	JULY 5	298.02
OCT. 25	296.33	JAN. 18	314.63H	APR. 15	304.47	JULY 10	300.25
OCT. 31	303.89	JAN. 20	313.12	APR. 20	300.32	JULY 15	300.77
NOV. 5	309.75	JAN. 25	314.25	APR. 25	302.29	JULY 16	300.10H
NOV. 10	306.90	JAN. 31	308.82	APR. 30	305.24	JULY 20	301.12
NOV. 13	307.35H	FEB. 5	315.85	MAY 5	310.66	AUG. 26	304.95H
NOV. 15	303.77	FEB. 10	312.70	MAY 7	314.40H	AUG. 27	302.15H
NOV. 20	302.27	FEB. 15	308.92	MAY 10	319.33	AUG. 31	301.84
NOV. 25	300.28	FEB. 20	307.74	MAY 15	321.48	SEP. 5	302.66
NOV. 30	302.45	FEB. 25	303.62	MAY 20	315.43	SEP. 10	297.50
DEC. 5	304.82	FEB. 28	307.19	MAY 25	315.44	SEP. 15	295.94
DEC. 10	301.13	MAR. 5	308.40	MAY 31	311.56	SEP. 20	294.82
DEC. 11	300.62H	MAR. 10	309.43	JUNE 2	313.09H	SEP. 25	305.20
DEC. 15	297.45	MAR. 11	309.29H	JUNE 5	309.06	SEP. 30	304.46
DEC. 20	304.06	MAR. 15	306.72	JUNE 10	309.39		

302619091104003   LOCAL WELL NUMBER: EB-434

OWNER: LA. OFFICE OF HIGHWAYS. (SEC. 49, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 8 TO 6 IN, REPORTED DEPTH 611 FT, SCREENED 551-611. MP 1/4-IN HOLE IN TOP 8-IN PLUG, 1.40 FT ABOVE LSD.
LSD   45.44 FT NGVD.
HIGHEST WATER LEVEL   56.98 BELOW LSD, MAY   6, 1982.
LOWEST WATER LEVEL 125.57 BELOW LSD, OCT. 22, 1968.
RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	77.64	JAN. 19, 1982	73.60	MAY 6, 1982	56.98	AUG. 2, 1982	70.20
OCT. 27	80.45						

303238091085701   LOCAL WELL NUMBER: EB-461

OWNER: J. L. GRANBERRY. (SEC. 97, T. 6S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 330 FT, SCREENED 310-330, MP TOP EDGE OF OPENING IN 4 X 2-IN REDUCER, 0.75 FT ABOVE LSD.
LSD   65.00 FT NGVD.
HIGHEST WATER LEVEL   55.33 BELOW LSD, MAY 15, 1979.
LOWEST WATER LEVEL   84.75 BELOW LSD, NOV. 15, 1968.
RECORDS AVAILABLE 1947-48, 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	62.70	FEB. 1, 1982	59.48	APR. 26, 1982	55.38	JULY 19, 1982	56.34

See footnotes at end of table.

303408091075001   LOCAL WELL NUMBER: EB-468

OWNER: A. M. HOLDEN. (SEC. 53, T. 5S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE. DIAM 4 IN. DEPTH 2,407 FT. SCREENED 2,313-2,407. MP TOP EDGE OF 3/4-IN HOLE IN SANITARY SEAL, 0.43 FT ABOVE LSD.
LSD   73.00 FT NGVD.
HIGHEST WATER LEVEL   71.60 ABOVE LSD, FEB. 27, 1948.
LOWEST WATER LEVEL   67.00 BELOW LSD, OCT. 31, 1980.
RECORDS AVAILABLE 1948-51, 1953-67, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	63.01	JAN. 29, 1982	64.82	APR. 26, 1982	62.23	JULY 14, 1982	64.01

302654091101101   LOCAL WELL NUMBER: EB-500

OWNER: RED STICK LINEN SERVICE. (SEC. 46, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE. DIAM 6 IN. ESTIMATED DEPTH 710 FT. SCREENED 663-710. MP TOP OF 2-IN NIPPLE IN STEEL LINER, 2.54 FT ABOVE LSD.
LSD   57.00 FT NGVD.
HIGHEST WATER LEVEL   69.31 BELOW LSD, MAY 6, 1982.
LOWEST WATER LEVEL 145.67 BELOW LSD, OCT. 16, 1948.
RECORDS AVAILABLE 1948, 1962, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	91.76	OCT. 27, 1981	84.86	MAY 6, 1982	69.31		

303115091113701   LOCAL WELL NUMBER: EB-517C

OWNER: SOUTHERN UNIVERSITY. (SEC. 50, T. 6S., R. 1W.) DRILLED UNUSED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE. DIAM 12 TO 8 IN. DEPTH 2,590 FT. SCREENED 2,510-2,590. MP TOP OF 1/2-IN HOLE IN SANITARY SEAL, 1.48 FT ABOVE LSD.
LSD   67.00 FT NGVD.
HIGHEST WATER LEVEL   64.70 ABOVE LSD, AUG. 21, 1953.
LOWEST WATER LEVEL   59.39 BELOW LSD, OCT. 31, 1980.
RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	58.56	FEB. 1, 1982	55.77	APR. 26, 1982	53.31	JULY 19, 1982	53.61

302149091101401   LOCAL WELL NUMBER: EB-575

OWNER: LOUISIANA STATE UNIVERSITY. (SEC. 68, T. 8S., R. 1W.) DRILLED IRRIGATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE. DIAM 12 TO 10 TO 6 IN. DEPTH 2,500 FT. SCREENED 2,440-2,500. MP CENTERLINE OF DISCHARGE PIPE, 3.40 FT ABOVE LSD.
LSD   20.00 FT NGVD.
HIGHEST WATER LEVEL   70.00 ABOVE LSD, MAY 1, 1955.
LOWEST WATER LEVEL   6.80 ABOVE LSD, OCT. 2, 1981.
RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981 +	6.80	MAY 6, 1982 +	8.90				

303904091093102   LOCAL WELL NUMBER: EB-578B

OWNER: CITY OF ZACHARY. (SEC. 81, T. 4S., R. 1W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE. DIAM 10 TO 6 TO 4 1/2 IN. DEPTH 2,132 FT. SCREENED 2,052-2,132. MP TOP INSIDE EDGE OF VALVE, 1.77 FT ABOVE LSD.
LSD 103.00 FT NGVD.
HIGHEST WATER LEVEL   9.00 ABOVE LSD, OCT. 17, 1957.
LOWEST WATER LEVEL   98.83 BELOW LSD, JAN. 27, 1982.
RECORDS AVAILABLE 1957, 1960, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1981	92.98	JAN. 27, 1982	98.83	APR. 19, 1982	93.53	JULY 14, 1982	95.11

See footnotes at end of table.

303440090592703 LOCAL WELL NUMBER: EB-581

OWNER: GREENWELL SPRINGS HOSPITAL. (SEC. 49, T. 5S., R. 2E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 IN, DEPTH 2,590 FT, SCREENED 2,540-2,590. MP TOP OF 1-IN PIPE ON SIDE OF 8-IN CASING, 1.90 FT ABOVE LSD.
LSD 67.00 FT NGVD.
HIGHEST WATER LEVEL 54.40 ABOVE LSD, MAY 25, 1956,
LOWEST WATER LEVEL 45.79 BELOW LSD, JAN. 27, 1981.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1981	41.20	FEB. 8, 1982	41.06	APR. 20, 1982	40.10	JULY 21, 1982	41.14

304141090585301 LOCAL WELL NUMBER: EB-647

OWNER: EAST BATON ROUGE PARISH SCHOOL BOARD. (SEC. 14, T. 4S., R. 2E.) DRILLED UNUSED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 TO 4 IN, DEPTH 1,950 FT, SCREENED 1,910-1,950. MP BOTTOM EDGE OF 3/4-IN COLLAR WELDED ON SIDE OF CASING, 1.28 FT ABOVE LSD.
LSD 107.00 FT NGVD.
HIGHEST WATER LEVEL 15.20 ABOVE LSD, JAN. 7, 1958,
LOWEST WATER LEVEL 81.92 BELOW LSD, OCT. 8, 1981.
RECORDS AVAILABLE 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1981	81.92	APR. 20, 1982	80.03				

303154091083901 LOCAL WELL NUMBER: EB-652

OWNER: GREATER BATON ROUGE AIRPORT DISTRICT. (SEC. 90, T. 6S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,345 FT, SCREENED 1,264-1,345. MP BREATHER-PIPE HOLE IN SANITARY SEAL, 0.43 FT ABOVE LSD.
LSD 68.00 FT NGVD.
HIGHEST WATER LEVEL 45.42 BELOW LSD, APR. 29, 1958,
LOWEST WATER LEVEL 137.31 BELOW LSD, JULY 22, 1981.
RECORDS AVAILABLE 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	132.50	FEB. 1, 1982	131.22	APR. 26, 1982	126.70	JULY 14, 1982	127.84

303350091100901 LOCAL WELL NUMBER: EB-685

OWNER: BATON ROUGE RECREATION AND PARK COMMISSION. (SEC. 53, T. 5S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 TO 3 IN, DEPTH 1,640 FT, SCREENED 1,580-1,640. MP HOLE IN CENTER OF 6-IN PLUG ATOP CASING, 1.73 FT ABOVE LSD.
LSD 65.00 FT NGVD.
HIGHEST WATER LEVEL 48.95 BELOW LSD, APR. 30, 1959,
LOWEST WATER LEVEL 184.37 BELOW LSD, NOV. 15, 1972.
RECORDS AVAILABLE 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	170.64	JAN. 29, 1982	169.38	APR. 26, 1982	168.48	JULY 19, 1982	169.02

302414091032601 LOCAL WELL NUMBER: EB-745

OWNER: DOLESE CONCRETE CO. (SEC. 58, T. 7S., R. 2E.) DRILLED INDUSTRIAL ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 6 TO 4 IN, DEPTH 503 FT, SCREENED 483-503. MP LOWER EDGE 2-IN PIPE WELDED TO CASING, 2.27 FT ABOVE LSD.
LSD 40.00 FT NGVD.
HIGHEST WATER LEVEL 27.00 BELOW LSD, MAY 4, 1958,
LOWEST WATER LEVEL 41.11 BELOW LSD, OCT. 28, 1980.
RECORDS AVAILABLE 1958, 1970, 1972, 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	37.04	JAN. 22, 1982	37.58	MAY 6, 1982	39.13	AUG. 4, 1982	39.73

EAST BATON ROUGE PARISH

302509091082701   LOCAL WELL NUMBER: EB-778

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,586 FT, SCREENED 2,581-2,586. MP TOP OF 4 X 2-IN REDUCER, 2.84 FT ABOVE LSD.
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 40.10 ABOVE LSD, MAR. 16, 1965,
LOWEST WATER LEVEL 1.46 BELOW LSD, OCT. 23, 1981.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	1.42	JAN. 22, 1982	0.31	MAY 3, 1982	0.04	AUG. 3, 1982	0.76
OCT. 23	1.46						

302509091082702   LOCAL WELL NUMBER: EB-780A

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,622 FT, SCREENED 1,617-1,622. MP HOLE IN SANITARY SEAL, 2.24 FT ABOVE LSD.
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 2.26 ABOVE LSD, JAN. 12, 1966,
LOWEST WATER LEVEL 32.03 BELOW LSD, OCT. 14, 1981.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	32.03	JAN. 22, 1982	31.21	APR. 30, 1982	29.88	AUG. 3, 1982	25.16
OCT. 23	31.96						

302509091082703   LOCAL WELL NUMBER: EB-780B

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,913 FT, SCREENED 1,908-1,913. MP TOP EDGE OF 2-IN LINER, 2.41 FT ABOVE LSD.
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 8.58 ABOVE LSD, APR. 23, 1965,
LOWEST WATER LEVEL 26.39 BELOW LSD, OCT. 23, 1981.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	26.31	JAN. 22, 1982	25.45	APR. 30, 1982	24.76	AUG. 3, 1982	25.99
OCT. 23	26.39						

302535091090401   LOCAL WELL NUMBER: EB-781

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,286 FT, SCREENED 2,282-2,286. MP TOP EDGE OF 2-IN STEEL AIRLINE, 2.82 FT ABOVE LSD.
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 119.12 BELOW LSD, MAR. 15, 1966,
LOWEST WATER LEVEL 241.60 BELOW LSD, AUG. 14, 1973.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	219.08	JAN. 19, 1982	220.28	MAY 3, 1982	215.04	AUG. 3, 1982	217.08
OCT. 22	219.43						

302535091090402   LOCAL WELL NUMBER: EB-782A

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,189 FT, SCREENED 1,184-1,189. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.00 FT ABOVE LSD.
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 18.54 BELOW LSD, MAY 19, 1975,
LOWEST WATER LEVEL 26.75 BELOW LSD, OCT. 22, 1981.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	26.63	JAN. 19, 1982	26.42	MAY 3, 1982	24.43	AUG. 3, 1982	24.50
OCT. 22	26.75						

302535091090403   LOCAL WELL NUMBER: EB-782B

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE. DIAM 2 IN, DEPTH 1,681 FT, SCREENED 1,676-1,681. MP TOP EDGE OF 5/8-IN PIPE IN CAP, 2.00 FT ABOVE LSD.
LSD   28.00 FT NGVD.
HIGHEST WATER LEVEL   49.35 BELOW LSD, JAN. 20, 1966.
LOWEST WATER LEVEL 119.00 BELOW LSD, JULY 12, 1979.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	118.07	JAN. 19, 1982	118.94	MAY 12, 1982	108.40	AUG. 3, 1982	110.50
OCT. 22	117.40	MAY 3	108.30				

302502091113601   LOCAL WELL NUMBER: EB-783A

OWNER: U. S. GEOL. SURVEY. (SEC. 54, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE. DIAM 4 IN, DEPTH 2,179 FT, SCREENED 2,174-2,179. MP TOP EDGE 1/2-IN HOLE IN SANITARY SEAL, 2.02 FT ABOVE LSD (SINCE 10/14/81).
LSD   26.00 FT NGVD.
HIGHEST WATER LEVEL   16.20 ABOVE LSD, MAR. 1, 1966.
LOWEST WATER LEVEL   56.27 BELOW LSD, JULY 11, 1980.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	51.34	JAN. 19, 1982	52.80	MAY 6, 1982	50.96	AUG. 3, 1982	53.38
OCT. 30	48.03						

302502091113602   LOCAL WELL NUMBER: EB-783B

OWNER: U. S. GEOL. SURVEY. (SEC. 54, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE. DIAM 2 IN, DEPTH 2,675 FT, SCREENED 2,670-2,675. MP TOP OF 2-IN LINER, 2.56 FT ABOVE LSD.
LSD   26.00 FT NGVD.
HIGHEST WATER LEVEL   54.90 ABOVE LSD, MAR. 1, 1966.
LOWEST WATER LEVEL   40.45 BELOW LSD, JULY 22, 1977.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	20.49	JAN. 19, 1982	23.37	MAY 6, 1982	12.20	AUG. 3, 1982	34.44
OCT. 30	30.99						

302511091070401   LOCAL WELL NUMBER: EB-789A

OWNER: U. S. GEOL. SURVEY. (SEC. 93, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE. DIAM 4 IN, DEPTH 711 FT, SCREENED 707-711. MP HOLE IN SANITARY SEAL, 0.61 FT ABOVE LSD.
LSD   37.00 FT NGVD.
HIGHEST WATER LEVEL   9.50 BELOW LSD, MAY 17, 1979.
LOWEST WATER LEVEL   33.02 BELOW LSD, NOV. 14, 1966.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	30.89	JAN. 22, 1982	26.82	MAY 7, 1982	17.59	AUG. 3, 1982	23.59
NOV. 5	30.69						

302511091070402   LOCAL WELL NUMBER: EB-789B

OWNER: U. S. GEOL. SURVEY. (SEC. 93, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE. DIAM 4 TO 2 1/2 IN, DEPTH 1,721 FT, SCREENED 1,717-1,721. MP TOP OF 2-IN LINER, 0.88 FT ABOVE LSD.
LSD   37.00 FT NGVD.
HIGHEST WATER LEVEL   6.15 BELOW LSD, MAR. 4, 1966.
LOWEST WATER LEVEL   40.32 BELOW LSD, OCT. 14, 1981.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	40.32	JAN. 22, 1982	39.42	MAY 13, 1982	38.62	AUG. 3, 1982	39.67
NOV. 5	39.37	MAY 7	38.48				

302605091080602 LOCAL WELL NUMBER: EB-792B

OWNER: U. S. GEOL. SURVEY. (SEC. 95, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,286 FT, SCREENED 2,282-2,286. MP TOP OF AIRLINE IN 2-IN LINER, 2.39 FT ABOVE LSD.
LSD 45.00 FT NGVD.
HIGHEST WATER LEVEL 121.92 BELOW LSD, MAR. 28, 1966.
LOWEST WATER LEVEL 239.60 BELOW LSD, JULY 27, 1973.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	222.10	JAN. 19, 1982	220.91	MAY 13, 1982	221.34	AUG. 3, 1982	219.11
OCT. 21	220.61						

302719091103201 LOCAL WELL NUMBER: EB-793

OWNER: U. S. GEOL. SURVEY. (SEC. 71, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 687 FT, SCREENED 683-687. MP TOP EDGE OF 2-IN LINER, 2.00 FT ABOVE LSD.
LSD 35.30 FT NGVD.
HIGHEST WATER LEVEL 49.54 BELOW LSD, JUNE 2, 1982.
LOWEST WATER LEVEL 121.55 BELOW LSD, OCT. 21, 1968.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	69.18	DEC. 11, 1981	74.70	APR. 22, 1982	50.29	AUG. 2, 1982	63.50
OCT. 28	73.10	JAN. 18, 1982	65.57	MAY 14	49.70	AUG. 26	65.60
NOV. 13	74.03	MAR. 11	52.66	JUNE 2	49.54		

302559091110801 LOCAL WELL NUMBER: EB-794

OWNER: U. S. GEOL. SURVEY. (SEC. 52, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,709 FT, SCREENED 2,705-2,709. MP TOP EDGE OF 3/4-IN PVC AIRLINE, 3.00 FT ABOVE LSD.
LSD 51.00 FT NGVD.
HIGHEST WATER LEVEL 113.28 BELOW LSD, JULY 27, 1965.
LOWEST WATER LEVEL 204.76 BELOW LSD, JULY 13, 1979.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	193.66	JAN. 19, 1982	165.98	MAY 13, 1982	174.90	AUG. 3, 1982	175.70
OCT. 30	193.70	APR. 30	176.92				

302306091022601 LOCAL WELL NUMBER: EB-803A

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 8S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,975 FT, SCREENED 1,971-1,975. MP TOP EDGE OF 3/8-IN OPENING IN BUSHING IN SANITARY SEAL, 2.11 FT ABOVE LSD.
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 15.30 ABOVE LSD, MAY 18, 1966.
LOWEST WATER LEVEL 17.19 BELOW LSD, OCT. 19, 1981.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	17.03	OCT. 19, 1981	17.19	MAY 7, 1982	16.14		

302306091022602 LOCAL WELL NUMBER: EB-803B

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 8S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,565 FT, SCREENED 2,561-2,565. MP TOP EDGE OF 4-IN TEE, 1.65 FT ABOVE LSD.
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 53.10 ABOVE LSD, APR. 4, 1966.
LOWEST WATER LEVEL 11.60 ABOVE LSD, MAY 7, 1982.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981 +	17.80	OCT. 19, 1981 +	19.20	MAY 7, 1982 +	11.60		

See footnotes at end of table.

302428091035001   LOCAL WELL NUMBER: EB-804A

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,950 FT, SCREENED 1,946-1,950. MP TOP OF 4-IN CASING, 1.57 FT ABOVE LSD.
LSD   46.00 FT NGVD.
HIGHEST WATER LEVEL   44.34 BELOW LSD, JUNE 9, 1967,
LOWEST WATER LEVEL   99.36 BELOW LSD, OCT. 14, 1981.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	99.36	OCT. 21, 1981	99.23	MAY 3, 1982	91.57		

302428091035002   LOCAL WELL NUMBER: EB-804B

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,762 FT, SCREENED 2,758-2,762. MP TOP OF 2-IN CASING, 2.67 FT ABOVE LSD.
LSD   46.00 FT NGVD.
HIGHEST WATER LEVEL   32.45 BELOW LSD, MAY 6, 1966, MAY 18, 1966,
LOWEST WATER LEVEL 103.10 BELOW LSD, NOV. 10, 1980.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	99.55	OCT. 21, 1981	99.48	MAY 3, 1982	91.72		

302428091035003   LOCAL WELL NUMBER: EB-805

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,072 FT, SCREENED 1,068-1,072. MP TOP OF 1/2-IN HOLE IN CAP, 1.25 FT ABOVE LSD.
LSD   46.00 FT NGVD.
HIGHEST WATER LEVEL   40.04 BELOW LSD, JUNE 9, 1967,
LOWEST WATER LEVEL   57.55 BELOW LSD, OCT. 21, 1981.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	57.46	OCT. 21, 1981	57.55	MAY 3, 1982	55.83	MAY 13, 1982	56.15

302702091103902   LOCAL WELL NUMBER: EB-806B

OWNER: U. S. GEOL. SURVEY. (SEC. 72, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,579 FT. SCREENED 2,575-2,579. MP TOP EDGE OF 1 1/2-IN NIPPLE, 1.83 FT ABOVE LSD.
LSD   46.50 FT NGVD.
HIGHEST WATER LEVEL 119.03 BELOW LSD, MAY 19, 1966,
LOWEST WATER LEVEL 204.05 BELOW LSD, JULY 12, 1979.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	195.19	JAN. 19, 1982	188.26	APR. 30, 1982	177.76	JULY 5, 1982	180.17
OCT. 28	196.62						

302611091091201   LOCAL WELL NUMBER: EB-807A

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 96, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,713 FT, SCREENED 1,709-1,713. MP TOP OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
LSD   34.86 FT NGVD.
HIGHEST WATER LEVEL   63.76 BELOW LSD, APR. 24, 1969,
LOWEST WATER LEVEL 129.89 BELOW LSD, JAN. 19, 1982.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	128.55	JAN. 19, 1982	129.89	MAY 12, 1982	118.90	AUG. 3, 1982	117.30
OCT. 26	127.40	MAY 3	119.38				

302611091091202 LOCAL WELL NUMBER: EB-807B

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 96, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE. DIAM 4 TO 2 1/2 IN. DEPTH 2,264 FT. SCREENED 2,260-2,264. MP TOP OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
LSD 34.86 FT NGVD.
HIGHEST WATER LEVEL 132.14 BELOW LSD, MAY 19, 1966.
LOWEST WATER LEVEL 249.90 BELOW LSD, JULY 27, 1973.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	224.45	JAN. 19, 1982	225.90	MAY 12, 1982	225.80	AUG. 3, 1982	222.70
OCT. 26	220.20	MAY 3	220.23				

302501091101202 LOCAL WELL NUMBER: EB-819

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 67, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("SHALLOW PLEISTOCENE" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 322 FT. SCREENED 316-322. MP TOP OF CASING, 0.59 FT ABOVE LSD.
LSD 25.68 FT NGVD.
HIGHEST WATER LEVEL 9.60 ABOVE LSD, APR. 16, 1973, APR. 17, 1973.
LOWEST WATER LEVEL 20.40 BELOW LSD, OCT. 23, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	17.65	MAY 6, 1982	2.51				

302510091105001 LOCAL WELL NUMBER: EB-820

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 54, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("SHALLOW PLEISTOCENE" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 259 FT. SCREENED 253-259. MP TOP OF CASING, 0.71 FT ABOVE LSD.
LSD 22.24 FT NGVD.
HIGHEST WATER LEVEL 14.10 ABOVE LSD, APR. 27, 1979.
LOWEST WATER LEVEL 17.74 BELOW LSD, OCT. 23, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	16.32	MAY 6, 1982	0.43				

302510091105003 LOCAL WELL NUMBER: EB-822

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 54, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 573 FT. SCREENED 567-573. MP TOP OF COLLAR WELDED ON CASING, 0.58 FT ABOVE LSD.
LSD 22.60 FT NGVD.
HIGHEST WATER LEVEL 12.30 ABOVE LSD, APR. 27, 1979.
LOWEST WATER LEVEL 19.48 BELOW LSD, OCT. 23, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	16.54	OCT. 28, 1981	17.27	MAY 6, 1982	0.74		

302553091092001 LOCAL WELL NUMBER: EB-824

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 96, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 581 FT. SCREENED 575-581. MP TOP OF CASING, 0.50 FT ABOVE LSD.
LSD 33.56 FT NGVD.
HIGHEST WATER LEVEL 40.08 BELOW LSD, MAY 3, 1982.
LOWEST WATER LEVEL 90.29 BELOW LSD, OCT. 23, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	56.89	JAN. 19, 1982	53.17	MAY 3, 1982	40.08	AUG. 3, 1982	41.30

See footnotes at end of table.

302553091092002 LOCAL WELL NUMBER: EB-825

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 96, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 475 FT, SCREENED 469-475. MP TOP OF CASING, 0.50 FT ABOVE LSD.
LSD 33.57 FT NGVD.
HIGHEST WATER LEVEL 32.57 BELOW LSD, MAY 6, 1975.
LOWEST WATER LEVEL 63.45 BELOW LSD, NOV. 8, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	40.70	JAN. 19, 1982	40.00	MAY 3, 1982	33.22	AUG. 3, 1982	37.00

303023091075601 LOCAL WELL NUMBER: EB-826

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 40, T. 6S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 350 FT, SCREENED 344-350. MP TOP OF CASING, 0.50 FT ABOVE LSD.
LSD 56.77 FT NGVD.
HIGHEST WATER LEVEL 55.40 BELOW LSD, MAY 6, 1975.
LOWEST WATER LEVEL 103.18 BELOW LSD, NOV. 1, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	70.46	JAN. 22, 1982	65.64	MAY 3, 1982	59.55	JULY 16, 1982	58.40

303356091095301 LOCAL WELL NUMBER: EB-827

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 54, T. 5S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 370 FT, SCREENED 364-370. MP TOP OF CASING, 0.50 FT ABOVE LSD.
LSD 63.96 FT NGVD.
HIGHEST WATER LEVEL 38.82 BELOW LSD, MAY 15, 1979.
LOWEST WATER LEVEL 68.13 BELOW LSD, NOV. 1, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	54.20	JAN. 29, 1982	53.00	APR. 26, 1982	43.82	JULY 19, 1982	46.32

303912091150801 LOCAL WELL NUMBER: EB-849

OWNER: GEORGIA-PACIFIC CORP. (SEC. 31, T. 4S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 IN, DEPTH 1,380 FT, SCREENED 1,250-1,270, 1,350-1,380. MP TOP OF CASING, 1.70 FT ABOVE LSD.
LSD 91.00 FT NGVD.
HIGHEST WATER LEVEL 47.79 BELOW LSD, FEB. 22, 1966.
LOWEST WATER LEVEL 139.14 BELOW LSD, OCT. 29, 1980.
RECORDS AVAILABLE 1966, 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1981	138.80	JAN. 27, 1982	133.30	APR. 19, 1982	136.00	JULY 14, 1982	137.60

302919091020601 LOCAL WELL NUMBER: EB-866

OWNER: SOUTH CENTRAL BELL TEL. CO. (SEC. 52, T. 6S., R. 2E.) DRILLED COMMERCIAL ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 400 FT, SCREENED 380-400. MP TOP OF CASING, 0.75 FT ABOVE LSD (SINCE 10/9/81).
LSD 49.00 FT NGVD.
HIGHEST WATER LEVEL 20.00 BELOW LSD, NOV. 9, 1979.
LOWEST WATER LEVEL 38.60 BELOW LSD, OCT. 21, 1970.
RECORDS AVAILABLE 1970, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	35.12	MAY 3, 1982	34.47				

302729091100601   LOCAL WELL NUMBER: EB-870

OWNER: U. S. GEOL. SURVEY. (SEC. 44, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 692 FT. SCREENED 687-692. MP TOP OF CASING, AT LSD.
LSD   50.00 FT NGVD.
HIGHEST WATER LEVEL   65.18 BELOW LSD, JUNE 2, 1982.
LOWEST WATER LEVEL 142.48 BELOW LSD, OCT. 5, 1971.
RECORDS AVAILABLE 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	88.20	DEC. 11, 1981	94.56	APR. 22, 1982	66.54	AUG. 2, 1982	81.65
OCT. 24	93.00	JAN. 18, 1982	83.23	MAY 14	65.70	AUG. 26	84.00
NOV. 13	93.98	MAR. 8	69.22	JUNE 2	65.18		

303905090583301   LOCAL WELL NUMBER: EB-896

OWNER: U. S. GEOL. SURVEY. (SEC. 51, T. 4S., R. 2E.) BORED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE. DIAM 1 1/4 IN. DEPTH 73 FT. SCREENED 70-73. MP TOP OF 1 1/4-IN CASING, 3.92 FT ABOVE LSD.
LSD   82.00 FT NGVD.
HIGHEST WATER LEVEL   15.17 BELOW LSD, APR. 22, 1974.
LOWEST WATER LEVEL   18.06 BELOW LSD, JULY 15, 1982.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	17.83	JAN. 28, 1982	18.00	APR. 20, 1982	17.53	JULY 15, 1982	18.06

302614091083001   LOCAL WELL NUMBER: EB-917

OWNER: U. S. GEOL. SURVEY. (SEC. 95, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT SAND OF BATON ROUGE AREA) OF PLIOCENE AGE. DIAM 4 TO 2 1/2 IN. DEPTH 1,736 FT. SCREENED 1,731-1,736. MP TOP OF 4-IN CASING, AT LSD.
LSD   45.56 FT NGVD.
HIGHEST WATER LEVEL 116.98 BELOW LSD, APR. 10, 1978.
LOWEST WATER LEVEL 139.58 BELOW LSD, OCT. 2, 1981.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	139.58	JAN. 19, 1982	138.85	MAY 14, 1982	128.75	AUG. 5, 1982	130.40
OCT. 29	135.00	MAY 6	128.59				

302547091074401   LOCAL WELL NUMBER: EB-918

OWNER: U. S. GEOL. SURVEY. (SEC. 91, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE. DIAM 4 TO 2 1/2 IN. DEPTH 1,834 FT. SCREENED 1,829-1,834. MP TOP EDGE OF 4-IN COLLAR, AT LSD.
LSD   40.00 FT NGVD.
HIGHEST WATER LEVEL 103.15 BELOW LSD, DEC. 12, 1973.
LOWEST WATER LEVEL 127.22 BELOW LSD, OCT. 14, 1981.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	127.22	JAN. 22, 1982	124.43	MAY 13, 1982	116.75	AUG. 3, 1982	121.75
OCT. 26	125.70	APR. 30	116.70				

302955091060601   LOCAL WELL NUMBER: EB-933

OWNER: U. S. GEOL. SURVEY. (SEC. 50, T. 6S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 603 FT. SCREENED 592-603. MP TOP OF 2-IN CASING, 1.30 FT ABOVE LSD.
LSD   51.00 FT NGVD.
HIGHEST WATER LEVEL   49.36 BELOW LSD, MAY 3, 1982.
LOWEST WATER LEVEL   67.84 BELOW LSD, NOV. 18, 1977.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	55.02	MAY 3, 1982	49.36				

302955091060501 LOCAL WELL NUMBER: EB-934

OWNER: U. S. GEOL. SURVEY. (SEC. 50, T. 6S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 385 FT, SCREENED 372-385. MP TOP OF 2-IN CASING, 1.10 FT ABOVE LSD.
LSD 51.00 FT NGVD.
HIGHEST WATER LEVEL 40.08 BELOW LSD, MAY 22, 1975.
LOWEST WATER LEVEL 55.98 BELOW LSD, NOV. 18, 1977.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	45.30	MAY 3, 1982	42.09				

302932091101901 LOCAL WELL NUMBER: EB-944

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 2,792 FT, SCREENED 2,782-2,792. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN TEE ON LINER, 1.63 FT ABOVE LSD.
LSD 59.00 FT NGVD.
HIGHEST WATER LEVEL 33.53 BELOW LSD, FEB. 4, 1975.
LOWEST WATER LEVEL 52.25 BELOW LSD, FEB. 22, 1980.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	49.59	JAN. 6, 1982	44.64	APR. 1, 1982	42.58	JULY 2, 1982	42.61
NOV. 2	46.75	FEB. 5	44.96	MAY 3	42.47	AUG. 2	42.59
DEC. 1	46.52	MAR. 2	43.31	JUNE 1	42.26	SEP. 3	42.44

302932091101902 LOCAL WELL NUMBER: EB-945

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 654 FT, SCREENED 644-654. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN TEE ON LINER, 2.27 FT ABOVE LSD.
LSD 59.00 FT NGVD.
HIGHEST WATER LEVEL 79.79 BELOW LSD, JUNE 1, 1982.
LOWEST WATER LEVEL 158.05 BELOW LSD, AUG. 26, 1976.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	110.86	JAN. 6, 1982	103.52	APR. 1, 1982	79.80	JULY 2, 1982	98.82
NOV. 2	119.00	FEB. 5	92.02	MAY 3	80.31	AUG. 2	105.63
DEC. 1	117.80	MAR. 2	84.68	JUNE 1	79.79	SEP. 3	107.40

302932091101903 LOCAL WELL NUMBER: EB-946

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,234 FT, SCREENED 1,224-1,234. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN TEE ON LINER, 2.02 FT ABOVE LSD.
LSD 59.00 FT NGVD.
HIGHEST WATER LEVEL 142.37 BELOW LSD, JULY 2, 1982.
LOWEST WATER LEVEL 193.08 BELOW LSD, OCT. 2, 1978.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	157.43	JAN. 6, 1982	159.68	APR. 1, 1982	153.76	JULY 2, 1982	142.37
NOV. 2	160.23	FEB. 5	165.96	MAY 3	152.12	AUG. 2	143.12
DEC. 1	159.53	MAR. 2	153.18	JUNE 1	155.21	SEP. 3	143.41

303251091115001 LOCAL WELL NUMBER: EB-1000

OWNER: U. S. GEOL. SURVEY. (SEC. 69, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 IN, DEPTH 2,926 FT, SCREENED 2,916-2,926. MP TOP EDGE OF 2 1/2-IN COLLAR, AT LSD.
LSD 68.00 FT NGVD.
HIGHEST WATER LEVEL 45.06 BELOW LSD, DEC. 19, 1977.
LOWEST WATER LEVEL 57.53 BELOW LSD, FEB. 26, 1980.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1981	56.42	FEB. 1, 1982	55.00	APR. 26, 1982	53.28	JULY 19, 1982	53.74
OCT. 29	56.80						

EAST BATON ROUGE PARISH

302238091102501 LOCAL WELL NUMBER: EB-1015

OWNER: U. S. GEOL. SURVEY. (SEC. 74, T. 8S., R. 1W.) BORED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 171 FT, SCREENED 166-171. MP TOP EDGE OF 1 1/4-IN TO 3/4-IN REDUCER ATOP CASING, 2.39 FT ABOVE LSD.
LSD 24.78 FT NGVD.
HIGHEST WATER LEVEL 3.69 ABOVE LSD, MAY 5, 1980.
LOWEST WATER LEVEL 19.83 BELOW LSD, JAN. 26, 1981.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	17.11	JAN. 19, 1982	10.14	MAY 6, 1982	2.66	AUG. 3, 1982	8.76

302919091020501 LOCAL WELL NUMBER: EB-1019

OWNER: U. S. GEOL. SURVEY. (SEC. 52, T. 6S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 700 FT, SCREENED 690-700. MP TOP OF 2-IN CASING, AT LSD.
LSD 49.00 FT NGVD.
HIGHEST WATER LEVEL 38.78 BELOW LSD, MAY 3, 1982.
LOWEST WATER LEVEL 41.34 BELOW LSD, DEC. 19, 1979.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	39.53	MAY 3, 1982	38.78				

302605091100901 LOCAL WELL NUMBER: EB-1028

OWNER: U. S. GEOL. SURVEY. (SEC. 53, T. 7S, R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 IN, DEPTH 2,238 FT, SCREENED 2,223-2,238. MP TOP EDGE 1-IN AIRLINE COLLAR, 0.30 FT BELOW LSD.
LSD 40.00 FT NGVD.
HIGHEST WATER LEVEL 228.70 BELOW LSD, AUG. 3, 1982.
LOWEST WATER LEVEL 245.19 BELOW LSD, JULY 23, 1981.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1981	234.97	MAY 3, 1982	233.94	MAY 12, 1982	238.90	AUG. 3, 1982	228.70
JAN. 19, 1982	239.50						

EAST FELICIANA PARISH

304951091115102 LOCAL WELL NUMBER: EF-55

OWNER: E. LOUISIANA STATE HOSPITAL. (SEC. 59, T. 2S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN ZONE 2 AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 6 IN, REPORTED DEPTH 1350 FT, SCREENED INTERVAL 1290-1350. MP EDGE OF HOLE IN PLATE OVER WELL, 0.10 FT ABOVE LSD. WELL DESTROYED 10/82.
LSD 225.00 FT NGVD.
HIGHEST WATER LEVEL 122.23 BELOW LSD, MAY 7, 1957.
LOWEST WATER LEVEL 197.77 BELOW LSD, OCT. 7, 1981.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	197.77	APR. 19, 1982	195.20				

305144091010901 LOCAL WELL NUMBER: EF-61

OWNER: TOWN OF CLINTON. (SEC. 83, T. 2S., R. 2E.) DRILLED UNUSED ARTESIAN WELL IN ZONE 1 AQUIFER OF PLIOCENE AGE, DIAM 6 IN, REPORTED DEPTH 305 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 1/2-IN HOLE IN COVER, 1.00 FT ABOVE LSD (SINCE 10/7/81).
LSD 210.00 FT NGVD.
HIGHEST WATER LEVEL 63.76 BELOW LSD, MAY 16, 1961.
LOWEST WATER LEVEL 83.17 BELOW LSD, OCT. 7, 1981.
RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	83.17	APR. 19, 1982	83.00				

EAST FELICIANA PARISH

305152091010201   LOCAL WELL NUMBER: EF-73B

OWNER: TOWN OF CLINTON. (SEC. 83, T. 2S., R. 2E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN ZONE 3 AQUIFER OF MIOCENE AGE, DIAM 12 IN, REPORTED DEPTH 1966 FT, SCREENED 1688-1718,1773-1795,1862-1872, 1880-1900,1917-1929, AND 1948-1966. MP TOP EDGE OF BREATHER HOLE IN PLATE ATOP 12-IN CASING, 1.62 FT ABOVE LSD.
LSD 195.00 FT NGVD.
HIGHEST WATER LEVEL 93.01 BELOW LSD, MAR. 5, 1959.
LOWEST WATER LEVEL 134.08 BELOW LSD, APR. 19, 1982.
RECORDS AVAILABLE 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	128.94	APR. 19, 1982	134.08				

304959091093001   LOCAL WELL NUMBER: EF-185

OWNER: E. LOUISIANA STATE HOSPITAL. (SEC. 45, T. 2S., R. 1E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN ZONE 2 AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 14 TO 12 TO 10 IN, REPORTED DEPTH 1514 FT, SCREENED 1469-1514. MP LOWER EDGE OF 1-IN ACCESS PIPE, 1.48 FT ABOVE LSD.
LSD 228.00 FT NGVD.
HIGHEST WATER LEVEL 118.54 BELOW LSD, MAY 16, 1961.
LOWEST WATER LEVEL 195.53 BELOW LSD, MAR. 30, 1981.
RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	189.92	JAN. 27, 1982	190.12	APR. 19, 1982	189.74	JULY 14, 1982	190.52

304309091083201   LOCAL WELL NUMBER: EF-223

OWNER: TOWN OF SLAUGHTER. (SEC. 7, T. 4S., R. 1E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 10 IN, DEPTH 2000 FT, SCREENED 1935-2000. MP TOP OF SANITARY SEAL, 1.00 FT ABOVE LSD.
LSD 135.00 FT NGVD.
HIGHEST WATER LEVEL 102.50 BELOW LSD, FEB. 6, 1978.
LOWEST WATER LEVEL 126.80 BELOW LSD, OCT. 30, 1980.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1981	118.70	MAR. 8, 1982	113.53	APR. 20, 1982	113.35	JULY 14, 1982	113.61

305052091060001   LOCAL WELL NUMBER: EF-241

OWNER: P. CRAIN. (SEC. 27, T. 2S., R. 1E.) BORED DOMESTIC WATER-TABLE WELL IN QUATERNARY UPLAND DEPOSITS OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 96 FT. OPEN END CASING. MP TOP INSIDE EDGE OF 8-IN CONCRETE CASING, 0.60 FT ABOVE LSD.
LSD 250.00 FT NGVD.
HIGHEST WATER LEVEL 68.80 BELOW LSD, JUNE 7, 1978.
LOWEST WATER LEVEL 73.48 BELOW LSD, MAY 7, 1979.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	70.62	APR. 19, 1982	70.88				

IBERIA PARISH

300035091443301   LOCAL WELL NUMBER: I-93

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 5, T. 12S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 585 FT, SCREENED 580-585. MP TOP OF 2-IN CASING, 3.00 FT ABOVE LSD.
LSD 18.53 FT NGVD.
HIGHEST WATER LEVEL 15.29 BELOW LSD, FEB. 25, 1974.
LOWEST WATER LEVEL 22.11 BELOW LSD, NOV. 4, 1974.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 13, 1982	19.35						

IBERVILLE PARISH

302920091311101 LOCAL WELL NUMBER: IB-9

OWNER: TOWN OF MARINGOUIN. (SEC. 29, T. 7S., R. 9E.) DRILLED UNUSED PUBLIC-SUPPLY WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1180 FT, SCREENED INTERVAL UNKNOWN. MP LOWER EDGE OF 1/2-IN HOLE IN SIDE OF CASING, 0.80 FT ABOVE LSD.
LSD 23.00 FT NGVD.
HIGHEST WATER LEVEL 30.00 ABOVE LSD, DEC. 27, 1951,
LOWEST WATER LEVEL 32.40 BELOW LSD, OCT. 15, 1981.
RECORDS AVAILABLE 1951, 1971, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981	32.40	MAY 10, 1982	31.04				

302919091311101 LOCAL WELL NUMBER: IB-29

OWNER: TOWN OF MARINGOUIN. (SEC. 29, T. 7S., R. 9E.) DRILLED UNUSED PUBLIC-SUPPLY WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 IN, DEPTH 1964 FT, SCREENED 1880-1964. MP HOLE IN SANITARY SEAL, 1.60 FT ABOVE LSD.
LSD 23.00 FT NGVD.
HIGHEST WATER LEVEL 58.90 ABOVE LSD, DEC. 15, 1951,
LOWEST WATER LEVEL 29.60 BELOW LSD, OCT. 15, 1981.
RECORDS AVAILABLE 1951, 1960, 1970, 1971, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981	29.60	MAY 10, 1982	29.23				

JEFFERSON PARISH

295509090034001 LOCAL WELL NUMBER: JF-48

OWNER: PUBLICKER CHEMICAL CORP. (SEC. 7, T. 13S., R. 24E.) DRILLED INDUSTRIAL ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 16 IN, DEPTH 780 FT, SCREENED 700-780. MP HOLE IN CASING FLANGE AT TOP OF CONCRETE FOUNDATION, 0.90 FT ABOVE LSD.
LSD 7.00 FT NGVD.
HIGHEST WATER LEVEL 80.95 BELOW LSD, APR. 8, 1982,
LOWEST WATER LEVEL 106.81 BELOW LSD, SEP. 15, 1976.
RECORDS AVAILABLE 1957, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1982	91.50	APR. 8, 1982	80.95	JULY 29, 1982	87.20		

300109090091001 LOCAL WELL NUMBER: JF-71

OWNER: GREATER NEW ORLEANS EXPRESSWAY COMMISSION. (SEC. 46, T. 12S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 566 FT, SCREENED 551-566. MP HOLE IN SAFETY SEAL, 3.40 FT ABOVE LSD.
LSD 11.00 FT NGVD.
HIGHEST WATER LEVEL 66.60 BELOW LSD, MAR. 5, 1963,
LOWEST WATER LEVEL 87.43 BELOW LSD, OCT. 17, 1973.
RECORDS AVAILABLE 1963, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 7, 1982	69.89						

295858090154101 LOCAL WELL NUMBER: JF-153

OWNER: W. & H. WAREHOUSE CO. (SEC. 37, T. 12S., R. 9E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 670 FT, SCREENED 630-670. MP TOP EDGE STEEL PLATE ATOP CASING, 2.20 FT ABOVE LSD.
LSD 2.00 FT NGVD.
HIGHEST WATER LEVEL 40.05 BELOW LSD, JULY 28, 1982,
LOWEST WATER LEVEL 46.05 BELOW LSD, SEP. 29, 1981.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1982	43.47	APR. 7, 1982	44.20	JULY 28, 1982	40.05		

JEFFERSON PARISH

295739090094601 LOCAL WELL NUMBER: JF-156

OWNER: JEFFERSON PARISH CONSOLIDATED WATER DISTRICT. (SEC. 46, T. 12S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 780 FT, SCREENED 660-780. MP TOP OF 4-IN PLASTIC LINER, 2.05 FT ABOVE LSD.
LSD 9.00 FT NGVD.
HIGHEST WATER LEVEL 79.13 BELOW LSD, APR. 8, 1981,
LOWEST WATER LEVEL 94.34 BELOW LSD, NOV. 11, 1975.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1982	82.06	APR. 7, 1982	79.60	JULY 28, 1982	83.85		

295355090044201 LOCAL WELL NUMBER: JF-166

OWNER: U. S. GEOL. SURVEY. (SEC. 44, T. 14S., R. 24E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FOOT" SAND OF NEW ORLEANS AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 1,302 FT, SCREENED 1,292-1,302. MP TOP OF 2-IN CASING, 0.35 FT ABOVE LSD.
LSD 2.00 FT NGVD.
HIGHEST WATER LEVEL 42.35 BELOW LSD, JAN. 21, 1982,
LOWEST WATER LEVEL 44.81 BELOW LSD, JAN. 6, 1982.
RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 6, 1982	44.81	JAN. 21, 1982	42.35	APR. 8, 1982	43.87	JULY 29, 1982	44.55

295355090044202 LOCAL WELL NUMBER: JF-167

OWNER: U. S. GEOL. SURVEY. (SEC. 44, T. 14S., R. 24E.) DRILLED OBSERVATION ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 725 FT, SCREENED 715-725. MP TOP OF 2-IN CASING, 0.15 FT ABOVE LSD.
LSD 2.00 FT NGVD.
HIGHEST WATER LEVEL 66.85 BELOW LSD, JULY 29, 1982,
LOWEST WATER LEVEL 69.69 BELOW LSD, JAN. 21, 1982.
RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 6, 1982	69.08	JAN. 21, 1982	69.69	APR. 8, 1982	67.26	JULY 29, 1982	66.85

JEFFERSON DAVIS PARISH

301355092463001 LOCAL WELL NUMBER: JD-9

OWNER: WELSH CANAL CO. (SEC. 34, T. 9S., R. 4W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, DEPTH 318 FT, SCREENED 238-318. MP LOWER LIP OF DISCHARGE PIPE, 4.55 FT ABOVE LSD.
LSD 24.10 FT NGVD.
HIGHEST WATER LEVEL 19.52 BELOW LSD, MAR. 29, 1943,
LOWEST WATER LEVEL 95.00 BELOW LSD, JULY 21, 1980.
RECORDS AVAILABLE 1938-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1981	77.10	JAN. 25, 1982	72.43	APR. 19, 1982	71.25	JULY 20, 1982	82.02
NOV. 18	69.94	FEB. 26	70.18	MAY 20	78.21	AUG. 20	79.99
DEC. 16	68.35	MAR. 25	71.72	JUNE 24	76.76	SEP. 22	73.19

JEFFERSON DAVIS PARISH

301300092584503 LOCAL WELL NUMBER: JD-485A

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 10S., R. 6W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 290 FT, SCREENED 270-290. MP TOP OF 4-IN CASING COLLAR, 3.00 FT ABOVE LSD.
LSD 21.36 FT NGVD.
HIGHEST WATER LEVEL 56.78 BELOW LSD, FEB. 20, 1980.
LOWEST WATER LEVEL 107.41 BELOW LSD, JULY 19, 1980.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	69.68H	JAN. 5, 1982	61.68	APR. 10, 1982	66.66	JULY 10, 1982	79.86
OCT. 10	69.29	JAN. 10	62.68	APR. 15	68.46	JULY 15	81.40
OCT. 15	68.27	JAN. 15	63.01	APR. 19	65.48H	JULY 20	79.85H
OCT. 20	67.57H	JAN. 20	61.71	APR. 20	65.22	JULY 25	75.65
OCT. 25	66.85	JAN. 25	61.20H	APR. 25	64.14	JULY 31	73.23
OCT. 31	66.23	JAN. 31	61.15	APR. 30	69.64	AUG. 5	71.19
NOV. 5	65.93	FEB. 5	60.92	MAY 5	79.40	AUG. 10	70.42
NOV. 10	66.06	FEB. 10	60.91	MAY 10	76.22	AUG. 15	69.71
NOV. 15	66.83	FEB. 15	60.42	MAY 15	74.76	AUG. 20	68.97
NOV. 18	64.57H	FEB. 20	60.19	MAY 20	77.35H	AUG. 25	75.08
NOV. 20	64.49	FEB. 25	60.18	MAY 25	72.34	AUG. 26	75.90H
NOV. 25	64.31	FEB. 26	60.37H	MAY 31	75.84	AUG. 31	74.31
NOV. 30	63.71	FEB. 28	60.51	JUNE 5	90.20	SEP. 5	78.80
DEC. 5	63.50	MAR. 5	61.01	JUNE 10	93.68	SEP. 10	73.28
DEC. 10	63.21	MAR. 10	61.22	JUNE 15	91.71	SEP. 15	70.31
DEC. 15	63.38	MAR. 15	63.27	JUNE 20	82.54	SEP. 20	68.68
DEC. 16	63.19H	MAR. 20	69.76	JUNE 24	78.19H	SEP. 22	68.30H
DEC. 20	63.38	MAR. 25	67.32H	JUNE 30	74.07	SEP. 25	68.08
DEC. 25	62.51	MAR. 31	64.64	JULY 5	72.58	SEP. 30	67.78
DEC. 31	61.92	APR. 5	66.18				

LAFAYETTE PARISH

301426092000601 LOCAL WELL NUMBER: LF-662

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 100, T. 9S., R. 5E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 152 FT, SCREENED 146-152. MP TOP OF 2-IN CASING, 1.59 FT ABOVE LSD. (REPLACES WELL LF-516.)
LSD 43.[illegible] FT NGVD.
HIGHEST WATER LEVEL 45.79 BELOW LSD, MAY 20, 1982.
LOWEST WATER LEVEL 47.17 BELOW LSD, OCT. 20, 1981.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 22, 1981	46.85	DEC. 10, 1981	47.13	MAR. 23, 1982	46.12	MAY 20, 1982	45.79
OCT. 20	47.17	JAN. 22, 1982	46.91	APR. 20	46.11	JUNE 24	46.00E
NOV. 30	46.84	MAR. 3	46.15				

LIVINGSTON PARISH

302804090581802 LOCAL WELL NUMBER: LI-268

OWNER: CLIFF MACK. (SEC. 67, T. 7S., R. 2E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 1305 FT, SCREENED 1289-1305. MP TOP OF 2-IN CASING, 0.77 FT ABOVE LSD.
LSD 37.00 FT NGVD.
HIGHEST WATER LEVEL 3.53 BELOW LSD, JULY 1, 1957.
LOWEST WATER LEVEL 64.77 BELOW LSD, OCT. 1, 1981.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1981	64.77	MAY 4, 1982	61.43				

303034090380301 LOCAL WELL NUMBER: LI-52

OWNER: COY KINCHEN. (SEC. 20, T. 6S., R. 6E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1865 FT, SCREENED 1825-1865. MP CENTERLINE OF 3/4-IN TEE, 1.20 FT ABOVE LSD.
LSD 46.00 FT NGVD.
HIGHEST WATER LEVEL 116.20 ABOVE LSD, NOV. 30, 1950.
LOWEST WATER LEVEL 47.20 ABOVE LSD, OCT. 1, 1981.
RECORDS AVAILABLE 1950-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1981 •	47.20	APR. 30, 1982 •	47.70				

See footnotes at end of table.

LIVINGSTON PARISH

302826090344901 LOCAL WELL NUMBER: LI-54

OWNER: ST. MARGARET'S CATHOLIC CHURCH. (SEC. 2, T. 7S., R. 6E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 IN, DEPTH 2144 FT, SCREENED 2104-2144. MP CENTERLINE OF 2-IN TEE, 0.80 FT ABOVE LSD.
LSD 33.00 FT NGVD.
HIGHEST WATER LEVEL 121.80 ABOVE LSD, NOV. 30, 1954, JAN. 10, 1955, FEB. 1, 1955.
LOWEST WATER LEVEL 65.80 ABOVE LSD, NOV. 2, 1978.
RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1981	+ 67.80	APR. 21, 1982	+ 66.80				

302959090563401 LOCAL WELL NUMBER: LI-92

OWNER: CITY OF DENHAM SPRINGS. (SEC. 48, T. 6S., R. 3E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 10 IN, DEPTH 2100 FT, SCREENED INTERVAL UNKNOWN. MP TOP EDGE OF 1/2-IN NIPPLE, 0.80 FT ABOVE LSD.
LSD 51.00 FT NGVD.
HIGHEST WATER LEVEL 35.05 BELOW LSD, NOV. 14, 1977.
LOWEST WATER LEVEL 70.50 BELOW LSD, OCT. 27, 1980.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1981	69.10	JAN. 29, 1982	66.90	MAY 4, 1982	66.30	JULY 26, 1982	67.10

302956090504601 LOCAL WELL NUMBER: LI-113

OWNER: W. K. COBURN. (SEC. 30, T. 6S., R. 4E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 3 IN, REPORTED DEPTH 1300 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF COLLAR ABOVE VALVE, 1.50 FT ABOVE LSD.
LSD 48.00 FT NGVD.
HIGHEST WATER LEVEL 9.56 BELOW LSD, MAY 11, 1970.
LOWEST WATER LEVEL 16.10 BELOW LSD, MAY 4, 1982.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1981	15.80	MAY 4, 1982	16.10				

ORLEANS PARISH

301001089441301 LOCAL WELL NUMBER: OR-23

OWNER: LOUISIANA PARKS AND RECREATION COMMISSION. (SEC. 19, T. 10S., R. 15E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, REPORTED DEPTH 547 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 6 X 2-IN REDUCER, 0.40 FT ABOVE LSD.
LSD 2.00 FT NGVD.
HIGHEST WATER LEVEL 2.24 BELOW LSD, MAR. 25, 1958.
LOWEST WATER LEVEL 18.77 BELOW LSD, JAN. 21, 1982.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1982	18.77	APR. 7, 1982	17.90				

295652090020101 LOCAL WELL NUMBER: OR-42

OWNER: U. S. NAVY. (SEC. 16, T. 13S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, REPORTED DEPTH 775 FT, SCREENED 664-775. MP TOP OF 2 X 6-IN RECORDER BASE, 1.00 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 40.07 BELOW LSD, MAY 25, 1942.
LOWEST WATER LEVEL 140.48 BELOW LSD, SEP. 20, 1968.
RECORDS AVAILABLE 1942, 1949-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1982	93.24	APR. 8, 1982	89.97	JULY 29, 1982	94.00		

See footnotes at end of table.

300137089544201 LOCAL WELL NUMBER: OR-78

OWNER: NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. (SEC. 37, T. 12S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 9 IN, DEPTH 565 FT, SCREENED 486-565. MP HOLE IN SAFETY SEAL, 1.36 FT ABOVE LSD.
LSD 4.00 FT NGVD.
HIGHEST WATER LEVEL 42.94 BELOW LSD, APR. 12, 1961.
LOWEST WATER LEVEL 117.46 BELOW LSD, JULY 21, 1976.
RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1982	103.14	APR. 7, 1982	104.86	JULY 15, 1982	105.44		

300158090033801 LOCAL WELL NUMBER: OR-128

OWNER: ORLEANS LEVEE BOARD. (SEC. 111, T. 12S., R. 11E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 8 TO 6 IN, DEPTH 581, SCREENED 541-581. MP TOP EDGE OF HOLE IN SANITARY SEAL, 1.32 FT ABOVE LSD.
LSD 5.00 FT NGVD.
HIGHEST WATER LEVEL 100.77 BELOW LSD, MAR. 10, 1982.
LOWEST WATER LEVEL 167.66 BELOW LSD, JULY 21, 1976.
RECORDS AVAILABLE 1970-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 12, 1981	115.20	JAN. 21, 1982	114.90	APR. 7, 1982	104.51	JULY 28, 1982	113.58
DEC. 17	111.02	MAR. 10	100.77	JUNE 1	106.45	AUG. 27	115.48

300411089571401 LOCAL WELL NUMBER: OR-156

OWNER: ORLEANS LEVEE BOARD. (SEC. 25, T. 11S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF THE NEW ORLEANS AREA) OF PLEISTOCENE AGE, DIAM 10 TO 8 IN, DEPTH 807 FT, SCREENED 747-807. MP HOLE IN SANITARY SEAL, 1.30 FT ABOVE LSD.
LSD 2.00 FT NGVD.
HIGHEST WATER LEVEL 35.60 BELOW LSD, APR. 7, 1982.
LOWEST WATER LEVEL 36.70 BELOW LSD, SEP. 29, 1981.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1982	36.20	APR. 7, 1982	35.60				

300525089464001 LOCAL WELL NUMBER: OR-175

OWNER: U. S. GEOL. SURVEY. (SEC. 38, T. 11S., R. 14E.) DRILLED OBSERVATION ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 449 FT, SCREENED 439-449. MP TOP OF 2-IN CASING, 1.25 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 19.84 BELOW LSD, SEP. 19, 1963.
LOWEST WATER LEVEL 37.23 BELOW LSD, JULY 29, 1981.
RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1982	37.17	AUG. 6, 1982	37.15				

300959089441901 LOCAL WELL NUMBER: OR-179

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 15E.) DRILLED OBSERVATION ARTESIAN WELL IN ABITA AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 2434 FT, SCREENED 2429-2434. MP CENTERLINE OF DISCHARGE PIPE, 2.87 FT ABOVE LSD.
LSD 4.00 FT NGVD.
HIGHEST WATER LEVEL 107.20 ABOVE LSD, NOV. 10, 1965.
LOWEST WATER LEVEL 65.80 ABOVE LSD, JAN. 21, 1982.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1982 +	65.80	APR. 7, 1982 +	66.40	JULY 29, 1982 +	65.90		

See footnotes at end of table.

ORLEANS PARISH

300349089562401   LOCAL WELL NUMBER: OR-203

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 11S., R. 13E.) DRILLED OBSERVATION ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 453 FT, SCREENED 448-453, MP TOP OF 2-IN CASING, 0.65 FT BELOW LSD.
LSD   -5.00 FT NGVD.
HIGHEST WATER LEVEL   76.93 BELOW LSD, APR. 7, 1982.
LOWEST WATER LEVEL   81.72 BELOW LSD, SEP. 29, 1981.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1982	77.29	APR. 7, 1982	76.93	AUG. 6, 1982	77.83		

POINTE COUPEE PARISH

304939091422101   LOCAL WELL NUMBER: PC-39

OWNER: C. FLINT. (SEC. 13, T. 3S., R. 7E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, REPORTED DEPTH 460 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF REDUCER AT WELL, 1.30 FT ABOVE LSD.
LSD   41.00 FT NGVD.
HIGHEST WATER LEVEL   3.19 ABOVE LSD, MAY 23, 1973.
LOWEST WATER LEVEL   26.64 BELOW LSD, DEC. 4, 1963.
RECORDS AVAILABLE 1961, 1963-64, 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981	23.38	MAY 10, 1982	11.56				

304645091434901   LOCAL WELL NUMBER: PC-49

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 3S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 137 FT, SCREENED 132-137, MP TOP OF 4-IN CASING, 1.00 FT ABOVE LSD.
LSD   36.00 FT NGVD.
HIGHEST WATER LEVEL   0.59 BELOW LSD, MAR. 29, 1962.
LOWEST WATER LEVEL   28.95 BELOW LSD, NOV. 4, 1963.
RECORDS AVAILABLE 1955-68, 1973-81.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981	25.15						

303556091234001   LOCAL WELL NUMBER: PC-66

OWNER: MRS. ST. GEORGE HINES. (SEC. 48, T. 5S., R. 11E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 1530 FT, SCREENED 1490-1530, MP TOP OF SANITARY SEAL, 2.30 FT ABOVE LSD.
LSD   33.00 FT NGVD.
HIGHEST WATER LEVEL   33.79 BELOW LSD, JUNE 16, 1970.
LOWEST WATER LEVEL   60.70 BELOW LSD, OCT. 15, 1981.
RECORDS AVAILABLE 1970, 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981	60.70	MAY 10, 1982	58.98				

303402091325501   LOCAL WELL NUMBER: PC-70

OWNER: THEO H. GLAZIER, SR. (SEC. 16, T. 6S., R. 9E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 2294 FT, SCREENED 2259-2294, MP CENTERLINE OF TEE, 0.80 FT ABOVE LSD.
LSD   26.00 FT NGVD.
HIGHEST WATER LEVEL   69.50 ABOVE LSD, JULY 15, 1960.
LOWEST WATER LEVEL   5.40 ABOVE LSD, OCT. 15, 1981.
RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981 +	5.40	MAY 10, 1982 +	6.80				

See footnotes at end of table.

303357091330401 LOCAL WELL NUMBER: PC-138

OWNER: VILLAGE OF LIVONIA, (SEC. 16, T. 6S., R. 9E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 IN, REPORTED DEPTH 1637 FT, SCREENED 1617-1637. MP TOP OF 3/4-IN PLUG IN TOP OF WELL, 1.56 FT ABOVE LSD.
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 16.64 BELOW LSD, MAY 23, 1973.
LOWEST WATER LEVEL 35.29 BELOW LSD, OCT. 15, 1981.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981	35.29	MAY 10, 1982	34.64				

305023091393901 LOCAL WELL NUMBER: PC-143

OWNER: U. S. GEOL. SURVEY, (SEC. 37, T. 3S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN, DEPTH 1228 FT, SCREENED 1218-1228. MP 3/8-IN HOLE IN 2-IN PLUG ATOP WELL, 2.50 FT ABOVE LSD.
LSD 41.00 FT NGVD.
HIGHEST WATER LEVEL 18.60 ABOVE LSD, APR. 17, 1968.
LOWEST WATER LEVEL 5.47 BELOW LSD, OCT. 15, 1981.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981	5.47	MAY 10, 1982	4.88				

305023091393902 LOCAL WELL NUMBER: PC-144

OWNER: U. S. GEOL. SURVEY, (SEC. 37, T. 3S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN, DEPTH 835 FT, SCREENED 825-835. MP CENTER OF GAGE IN BUSHING ATOP CASING, 2.66 FT ABOVE LSD.
LSD 41.00 FT NGVD.
HIGHEST WATER LEVEL 12.20 ABOVE LSD, APR. 17, 1968.
LOWEST WATER LEVEL 6.64 BELOW LSD, OCT. 15, 1981.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981	6.64	MAY 10, 1982	5.75				

303835091202401 LOCAL WELL NUMBER: PC-146

OWNER: GLYNN WATER WORKS, (SEC. 56, T. 5S., R. 11E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 1785 FT, SCREENED 1765-1785. MP BOTTOM EDGE 1 X 2-IN REDUCER, 1.15 FT ABOVE LSD.
LSD 33.00 FT NGVD.
HIGHEST WATER LEVEL 4.95 BELOW LSD, JUNE 20, 1974.
LOWEST WATER LEVEL 25.25 BELOW LSD, NOV. 5, 1980.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981	23.30	MAY 10, 1982	24.23				

303538091232501 LOCAL WELL NUMBER: PC-154

OWNER: ALMA PLANTATION, (SEC. 48, T. 5S., R. 11E.) DRILLED INDUSTRIAL ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 12 IN, DEPTH 1263 FT, SCREENED 1174-1228, 1237-1263. MP 3/4-IN PLUG IN SANITARY SEAL, 1.16 FT ABOVE LSD.
LSD 36.00 FT NGVD.
HIGHEST WATER LEVEL 37.44 BELOW LSD, AUG. 4, 1975.
LOWEST WATER LEVEL 59.44 BELOW LSD, JAN. 14, 1980.
RECORDS AVAILABLE 1972-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981	59.14	MAY 13, 1982	54.03				

POINTE COUPEE PARISH

303250091365001 LOCAL WELL NUMBER: PC-155

OWNER: JOHN BLANCHARD. (SEC. 31, T. 6S., R. 8E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND
("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE. DIAM 4 IN. REPORTED DEPTH 990 FT. SCREENED
970-990. MP TOP OF BOLT HOLE ON NW SIDE OF SANITARY SEAL, 0.35 FT ABOVE LSD.
LSD 25.00 FT NGVD.
HIGHEST WATER LEVEL 19.20 BELOW LSD, AUG. 5, 1975.
LOWEST WATER LEVEL 30.95 BELOW LSD, OCT. 15, 1981.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981	30.95	MAY 10, 1982	29.24				

303735091211701 LOCAL WELL NUMBER: PC-156

OWNER: MRS. EMMA MOUNGER. (SEC. 50, T. 5S., R. 11E.) DRILLED DOMESTIC ARTESIAN WELL IN
MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE. DIAM 4 IN. ESTIMATED DEPTH 180 FT. SCREENED
INTERVAL UNKNOWN. MP 1/2-IN HOLE IN SANITARY SEAL, 0.60 FT ABOVE LSD.
LSD 35.00 FT NGVD.
HIGHEST WATER LEVEL 6.80 BELOW LSD, APR. 17, 1973.
LOWEST WATER LEVEL 23.55 BELOW LSD, NOV. 19, 1976.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981	22.78	MAY 10, 1982	12.30				

ST. CHARLES PARISH

300022090241001 LOCAL WELL NUMBER: SC-9

OWNER: SHELL OIL CO. (SEC. 6, T. 12S., R. 8E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW
ORLEANS AQUIFER OF PLEISTOCENE AGE. DIAM 24 IN. DEPTH 808 FT. SCREENED 673-808. MP TOP 2-IN COLLAR
ON STEEL PLATE, 0.28 FT ABOVE LSD (SINCE 1/20/82).
LSD 4.79 FT NGVD.
HIGHEST WATER LEVEL 12.40 BELOW LSD, JAN. 19, 1950.
LOWEST WATER LEVEL 39.98 BELOW LSD, SEP. 14, 1953.
RECORDS AVAILABLE 1943, 1949-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 12, 1981	26.30	JAN. 20, 1982	25.82	APR. 19, 1982	26.09	JULY 28, 1982	27.02
DEC. 17	27.48	MAR. 10	26.74	JUNE 1	26.65	AUG. 27	27.02

300022090241002 LOCAL WELL NUMBER: SC-14

OWNER: SHELL OIL CO. (SEC. 6, T. 12S., R. 8E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER
OF PLEISTOCENE AGE. DIAM 18 IN. DEPTH 404 FT. SCREENED 324-404. MP BOTTOM EDGE OF DOOR ON CULVERT,
1.35 FT ABOVE LSD.
LSD 5.51 FT NGVD.
HIGHEST WATER LEVEL 27.21 BELOW LSD, DEC. 15, 1979.
LOWEST WATER LEVEL 90.74 BELOW LSD, SEP. 17, 1957.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 12, 1981	43.89H	FEB. 5, 1982	44.00	APR. 30, 1982	34.60	JULY 20, 1982	38.08
NOV. 15	43.90	FEB. 10	43.61	MAY 5	34.89	JULY 25	37.82
NOV. 20	43.67	FEB. 15	42.81	MAY 10	35.10	JULY 28	37.75H
NOV. 25	43.37	FEB. 20	42.44	MAY 15	34.67	JULY 31	37.76
NOV. 30	43.56	FEB. 25	42.95	MAY 20	34.59	AUG. 5	38.05
DEC. 5	45.01	FEB. 28	40.64	MAY 25	34.42	AUG. 10	37.95
DEC. 10	45.24	MAR. 5	42.29	MAY 31	31.67	AUG. 15	37.30
DEC. 15	44.99	MAR. 10	41.59H	JUNE 1	31.64H	AUG. 20	37.93
DEC. 17	45.01H	MAR. 15	41.79	JUNE 5	31.58	AUG. 25	38.88
DEC. 20	44.73	MAR. 20	42.09	JUNE 10	32.37	AUG. 27	38.70H
DEC. 25	44.71	MAR. 25	41.79	JUNE 15	32.44	AUG. 31	38.86
DEC. 31	44.56	MAR. 31	36.69	JUNE 20	31.99	SEP. 5	39.00
JAN. 5, 1982	45.48	APR. 5	36.00	JUNE 25	31.83	SEP. 10	38.48
JAN. 10	45.50	APR. 10	35.57	JUNE 30	35.57	SEP. 15	38.47
JAN. 15	44.91	APR. 15	35.58	JULY 5	36.80	SEP. 20	38.85
JAN. 20	45.55H	APR. 19	35.48H	JULY 10	37.24	SEP. 25	38.80
JAN. 25	44.81	APR. 20	35.49	JULY 15	37.59	SEP. 30	38.38
JAN. 31	44.09	APR. 25	35.11				

See footnotes at end of table.

295635090193701 LOCAL WELL NUMBER: SC-24

OWNER: INTL. TANK TERMINAL. (SEC. 40, T. 13S., R. 9E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 18 IN, DEPTH 492 FT, SCREENED 439-492. MP TOP EDGE OF HOLE IN STEEL PLATE OVER TOP OF WELL, 2.80 FT ABOVE LSD.
LSD 12.00 FT NGVD.
HIGHEST WATER LEVEL 12.44 BELOW LSD, APR. 20, 1976.
LOWEST WATER LEVEL 29.45 BELOW LSD, NOV. 4, 1965.
RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 19, 1982	16.62						

295556090214201 LOCAL WELL NUMBER: SC-80

OWNER: AMBROSE CHAMPAGNE. (SEC. 15, T. 13S., R. 21E.) DRILLED UNUSED ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 256 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF FITTING IN TOP OF TEE ATOP CASING, 0.90 FT ABOVE LSD.
LSD 13.00 FT NGVD.
HIGHEST WATER LEVEL 8.01 BELOW LSD, MAY 21, 1979.
LOWEST WATER LEVEL 28.40 BELOW LSD, JAN. 30, 1957.
RECORDS AVAILABLE 1957-61, 1963, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 19, 1982	12.25						

295950090283001 LOCAL WELL NUMBER: SC-82

OWNER: LA. POWER & LIGHT CO. (SEC. 26, T. 12S., R. 20E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 373 FT, SCREENED INTERVAL UNKNOWN. MP TOP EDGE OF HOLE IN 4-IN CAP AT TOP OF 4-IN CASING EXTENSION, 4.69 FT ABOVE LSD.
LSD 12.00 FT NGVD.
HIGHEST WATER LEVEL 17.63 BELOW LSD, MAY 21, 1979.
LOWEST WATER LEVEL 36.34 BELOW LSD, NOV. 4, 1958.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 19, 1982	21.95						

295633090193101 LOCAL WELL NUMBER: SC-102

OWNER: U. S. GEOL. SURVEY. (SEC. 40, T. 13S., R. 9E.) BORED OBSERVATION ARTESIAN WELL IN POINT-BAR DEPOSITS OF HOLOCENE AGE, DIAM 1 1/4 IN, DEPTH 62 FT, SCREENED 60-62. MP TOP OF CASING, AT LSD.
LSD 12.00 FT NGVD.
HIGHEST WATER LEVEL 1.75 ABOVE LSD, MAY 18, 1973.
LOWEST WATER LEVEL 21.71 BELOW LSD, APR. 7, 1981.
RECORDS AVAILABLE 1960-66, 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 19, 1982 +	1.05						

295747090242501 LOCAL WELL NUMBER: SC-174

OWNER: U. S. GEOL. SURVEY. (SEC. 17, T. 13S., R. 20E.) DRILLED OBSERVATION ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 272 FT, SCREENED 262-272. MP TOP OF 2-IN CASING COLLAR, AT LSD.
LSD 14.00 FT NGVD.
HIGHEST WATER LEVEL 10.98 BELOW LSD, APR. 19, 1982.
LOWEST WATER LEVEL 17.08 BELOW LSD, NOV. 3, 1980.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1982	15.14	APR. 19, 1982	10.98	JULY 30, 1982	14.43		

See footnotes at end of table.

ST. HELENA PARISH

304051090385401 LOCAL WELL NUMBER: SH-7

OWNER: ST. HELENA WATER SYSTEMS, INC. (SEC. 51, T. 4S., R. 6E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN AMITE AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 4 IN, DEPTH 2082 FT, SCREENED 2052-2082. MP HOLE IN SANITARY SEAL, 2.00 FT ABOVE LSD.
LSD 130.00 FT NGVD.
HIGHEST WATER LEVEL 39.10 ABOVE LSD, MAR. 18, 1955.
LOWEST WATER LEVEL 29.60 BELOW LSD, OCT. 7, 1981.
RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	29.60	APR. 29, 1982	14.40				

305300090502701 LOCAL WELL NUMBER: SH-9

OWNER: TWO-R RANCH. (SEC. 73, T. 2S., R. 4E.) DRILLED DOMESTIC AND STOCK ARTESIAN WELL IN ZONE 3 SAND OF MIOCENE AGE, DIAM 4 IN, DEPTH 2135 FT, SCREENED 2106-2135. MP 3/8-IN HOLE IN TOP OF WELL SEAL, 1.28 FT ABOVE LSD.
LSD 165.00 FT NGVD.
HIGHEST WATER LEVEL 54.56 BELOW LSD, SEP. 13, 1960.
LOWEST WATER LEVEL 80.42 BELOW LSD, APR. 3, 1981.
RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	79.02	APR. 29, 1982	76.32				

ST. JAMES PARISH

295906090502001 LOCAL WELL NUMBER: SJ-24

OWNER: EXXON CO., U.S.A. (SEC. 8, T. 12S., R. 16E.) DRILLED STOCK ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 281 FT, SCREENED INTERVAL UNKNOWN. MP TOP INSIDE EDGE OF OPENING IN TEE, 0.99 FT ABOVE LSD.
LSD 11.79 FT NGVD.
HIGHEST WATER LEVEL 3.75 ABOVE LSD, MAY 17, 1973.
LOWEST WATER LEVEL 25.50 BELOW LSD, AUG. 6, 1957.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 19, 1982	1.47						

300449090520201 LOCAL WELL NUMBER: SJ-41

OWNER: HELVETIA SUGAR COOP., INC. (SEC. 38, T. 11S., R. 3E.) DRILLED INDUSTRIAL ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 441 FT, SCREENED 399-441. MP TOP OF 8-IN CASING COLLAR, 1.00 FT ABOVE LSD.
LSD 17.80 FT NGVD.
HIGHEST WATER LEVEL 0.07 BELOW LSD, MAY 18, 1979.
LOWEST WATER LEVEL 15.65 BELOW LSD, OCT. 15, 1973.
RECORDS AVAILABLE 1948, 1958-64, 1966-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1981	14.21	APR. 20, 1982	5.22				

300024090433501 LOCAL WELL NUMBER: SJ-86

OWNER: DELPHINE PLANTING CO. (SEC. 20, T. 12S., R. 17E.) DRILLED UNUSED ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 3 IN, DEPTH 290 FT, SCREENED 280-290. MP TOP OF 2-IN NIPPLE EXTENDING FROM TOP OF CASING COLLAR, 1.44 FT ABOVE LSD.
LSD 18.30 FT NGVD.
HIGHEST WATER LEVEL 3.79 BELOW LSD, MAY 21, 1979.
LOWEST WATER LEVEL 19.00 BELOW LSD, OCT. 31, 1963.
RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1982	14.54	APR. 19, 1982	8.35	JULY 30, 1982	12.96		

ST. JAMES PARISH

300433090403701 LOCAL WELL NUMBER: SJ-186

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 11S., R. 5E.) DRILLED OBSERVATION ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 230 FT, SCREENED 220-230. MP TOP OF 2-IN CASING, 1.00 FT ABOVE LSD.
LSD 4.00 FT NGVD.
HIGHEST WATER LEVEL 3.82 ABOVE LSD, MAY 9, 1979.
LOWEST WATER LEVEL 8.61 BELOW LSD, NOV. 9, 1978.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 12, 1981	7.30	JAN. 20, 1982	6.72	APR. 20, 1982	0.80	AUG. 6, 1982	3.55
DEC. 17	7.49	MAR. 10	1.10	JUNE 1	3.22	AUG. 27	4.80

ST. JOHN THE BAPTIST PARISH

300240090265601 LOCAL WELL NUMBER: SJB-17

OWNER: J. ESPARROS. (SEC. 54, T. 11S., R. 7E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 310 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF HOLE IN PLATE, 1.00 FT ABOVE LSD.
LSD 5.76 FT NGVD.
HIGHEST WATER LEVEL 16.60 BELOW LSD, JAN. 28, 1980.
LOWEST WATER LEVEL 41.59 BELOW LSD, JAN. 23, 1957.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1982	24.55	APR. 20, 1982	20.41	JULY 19, 1982	20.75		

300420090344101 LOCAL WELL NUMBER: SJB-53

OWNER: GULF STATES LAND AND INDUSTRIES, INC. (SEC. 32, T. 11S., R. 6E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 345 FT, SCREENED 305-345. MP TOP OF 3 X 3/4-IN BUSHING, 1.57 FT ABOVE LSD.
LSD 7.90 FT NGVD.
HIGHEST WATER LEVEL 3.09 BELOW LSD, MAY 17, 1973.
LOWEST WATER LEVEL 15.12 BELOW LSD, OCT. 6, 1970.
RECORDS AVAILABLE 1960-71, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 20, 1982	6.59						

300232090390405 LOCAL WELL NUMBER: SJB-144

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 12S., R. 18E.) DRILLED OBSERVATION ARTESIAN WELL IN OLDER DELTAIC DEPOSITS OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 170 FT, SCREENED 158-170. MP TOP OF 4-IN CAP, 3.22 FT ABOVE LSD.
LSD 17.75 FT NGVD.
HIGHEST WATER LEVEL 3.15 ABOVE LSD, MAY 17, 1973.
LOWEST WATER LEVEL 15.37 BELOW LSD, DEC. 11, 1963.
RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1982	10.00	APR. 19, 1982	2.96	JULY 30, 1982	9.98		

300234090390301 LOCAL WELL NUMBER: SJB-145

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 12S., R. 18E.) DRILLED OBSERVATION ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 315 FT, SCREENED 305-315. MP TOP OF 4-IN CAP, 2.60 FT ABOVE LSD.
LSD 17.71 FT NGVD.
HIGHEST WATER LEVEL 3.91 BELOW LSD, MAY 17, 1973.
LOWEST WATER LEVEL 21.34 BELOW LSD, JAN. 13, 1964.
RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1982	16.31	APR. 19, 1982	10.20	JULY 30, 1982	15.70		

ST. JOHN THE BAPTIST PARISH

300348090290801 LOCAL WELL NUMBER: SJB-156

OWNER: ST. JOHN THE BAPTIST WATERWORKS DISTRICT NO. 3. (SEC. 27, T. 11S., R. 7E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE. DIAM 8 IN. DEPTH 359 FT. SCREENED 319-359. MP TOP INSIDE EDGE OF 1 1/4-IN COUPLING, 1.70 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 22.36 BELOW LSD, JAN. 29, 1980.
LOWEST WATER LEVEL 29.87 BELOW LSD, JAN. 20, 1982.
RECORDS AVAILABLE 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1982	29.87	APR. 20, 1982	24.76	JULY 19, 1982	27.45		

300310090281702 LOCAL WELL NUMBER: SJB-163H

OWNER: GUY REINE. (SEC. 30, T. 11S., R. 7E.) DRILLED DOMESTIC ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE. DIAM 4 TO 2 IN. DEPTH 635 FT. SCREENED 625-635. MP TOP OF 2-IN NIPPLE, 4.56 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 21.05 BELOW LSD, MAY 22, 1973.
LOWEST WATER LEVEL 23.87 BELOW LSD, SEP. 30, 1981.
RECORDS AVAILABLE 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1982	22.90	APR. 20, 1982	23.02	JULY 19, 1982	23.09		

ST. MARTIN PARISH

301308091521001 LOCAL WELL NUMBER: SMN-103

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 88, T. 9S., R. 6E.) DRILLED OBSERVATION ARTESIAN WELL IN ATCHAFALAYA AQUIFER OF PLEISTOCENE AGE. DIAM 2 TO 1 1/2 IN. DEPTH 145 FT. SCREENED 135-145. MP TOP OF 2-IN CASING, 2.10 FT ABOVE LSD.
LSD 23.93 FT NGVD.
HIGHEST WATER LEVEL 12.65 BELOW LSD, FEB. 27, 1974.
LOWEST WATER LEVEL 21.96 BELOW LSD, NOV. 19, 1969.
RECORDS AVAILABLE 1964-77, 1979, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 13, 1982	19.84						

301304091424001 LOCAL WELL NUMBER: SMN-108

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 9S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 505 FT. SCREENED 500-505. MP TOP OF 2-IN CASING, 2.72 FT ABOVE LSD.
LSD 11.34 FT NGVD.
HIGHEST WATER LEVEL 3.54 ABOVE LSD, APR. 13, 1973.
LOWEST WATER LEVEL 8.54 BELOW LSD, FEB. 18, 1981.
RECORDS AVAILABLE 1965-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 13, 1982	4.10						

301304091424002 LOCAL WELL NUMBER: SMN-109

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 9S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE. DIAM 2 IN. DEPTH 375 FT. SCREENED 370-375. MP TOP OF 2-IN CASING, 2.40 FT ABOVE LSD.
LSD 11.34 FT NGVD.
HIGHEST WATER LEVEL 2.94 ABOVE LSD, FEB. 27, 1974.
LOWEST WATER LEVEL 8.82 BELOW LSD, FEB. 18, 1981.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 13, 1982	4.40						

ST. MARY PARISH

294749091402301 LOCAL WELL NUMBER: SM-57U

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 14S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 638 FT, SCREENED 628-638. MP TOP OF 1 1/2-IN PIPE, 2.50 FT ABOVE LSD.
LSD 8.72 FT NGVD.
HIGHEST WATER LEVEL 6.40 BELOW LSD, APR. 15, 1965.
LOWEST WATER LEVEL 10.25 BELOW LSD, DEC. 20, 1976.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 13, 1982	9.20						

294749091402302 LOCAL WELL NUMBER: SM-57L

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 14S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 1/2 IN, DEPTH 738 FT, SCREENED 728-738. MP TOP OF 1 1/2-IN PIPE, 2.50 FT ABOVE LSD.
LSD 8.72 FT NGVD.
HIGHEST WATER LEVEL 7.54 BELOW LSD, AUG. 16, 1973.
LOWEST WATER LEVEL 11.93 BELOW LSD, OCT. 22, 1970.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 13, 1982	9.96						

ST. TAMMANY PARISH

302055090014601 LOCAL WELL NUMBER: ST-12

OWNER: LA. PARKS AND REC. COMM. (SEC. 37, T. 8S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN BIG BRANCH AQUIFER (ZONE 1) OF PLIOCENE AGE, DIAM 6 IN, DEPTH 1525 FT, SCREENED INTERVAL UNKNOWN. MP CENTERLINE OF 4-IN TEE, 2.30 FT BELOW LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 55.90 ABOVE LSD, JULY 25, 1940.
LOWEST WATER LEVEL 23.50 ABOVE LSD, JAN. 7, 1970.
RECORDS AVAILABLE 1939-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1981 +	25.20	JAN. 21, 1982 +	25.70	APR. 19, 1982 +	25.80	JULY 19, 1982 +	24.70

303529089550601 LOCAL WELL NUMBER: ST-16

OWNER: BOGALUSA TUNG OIL CO. (SEC. 29, T. 5S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN ABITA AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 1000 FT, SCREENED INTERVAL UNKNOWN. MP CENTERLINE OF DISCHARGE PIPE, 4.00 FT ABOVE LSD.
LSD 78.00 FT NGVD.
HIGHEST WATER LEVEL 38.10 ABOVE LSD, JULY 11, 1946.
LOWEST WATER LEVEL 10.90 ABOVE LSD, MAY 17, 1977.
RECORDS AVAILABLE 1939-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1981 +	15.10	MAY 3, 1982 +	15.30				

302852090010601 LOCAL WELL NUMBER: ST-545

OWNER: WILLIAM BAGLEY, SR. (SEC. 32, T. 6S., R. 12E.) DRILLED DOMESTIC ARTESIAN WELL IN COVINGTON AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 1/2 IN, REPORTED DEPTH 1598 FT, SCREENED 1548-1598. MP TOP EDGE OF CEMENT-BLOCK SECTION OF BUNKHOUSE WALL, 3.00 FT BELOW LSD.
LSD 35.00 FT NGVD.
HIGHEST WATER LEVEL 97.00 ABOVE LSD, MAR. 11, 1953.
LOWEST WATER LEVEL 47.20 ABOVE LSD, JULY 19, 1979.
RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1981 +	49.20	APR. 21, 1982 +	50.00				

See footnotes at end of table.

302406090093101 LOCAL WELL NUMBER: ST-562

OWNER: TOWN OF MADISONVILLE. (SEC. 39, T. 7S., R. 10E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN COVINGTON AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1901 FT, SCREENED 1840-1901. MP CENTERLINE OF 4-IN DISCHARGE LINE, 3.10 FT ABOVE LSD.
LSD 4.00 FT NGVD.
HIGHEST WATER LEVEL 119.20 ABOVE LSD, NOV. 17, 1961.
LOWEST WATER LEVEL 59.60 ABOVE LSD, JULY 19, 1979.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1981 +	81.10	JAN. 21, 1982 +	82.10	APR. 19, 1982 +	83.10		

301536089470501 LOCAL WELL NUMBER: ST-563

OWNER: CITY OF SLIDELL. (SEC. 15, T. 9S., R. 14E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SLIDELL AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 10 IN, DEPTH 2411 FT, SCREENED 2262-2411. MP CENTERLINE OF FAUCET ON DISCHARGE LINE, 3.50 FT ABOVE LSD.
LSD 4.00 FT NGVD.
HIGHEST WATER LEVEL 118.90 ABOVE LSD, JUNE 12, 1958.
LOWEST WATER LEVEL 64.20 ABOVE LSD, JULY 19, 1982.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1981 +	64.40	JAN. 21, 1982 +	64.50	APR. 19, 1982 +	65.50	JULY 19, 1982 +	64.20

303010090120701 LOCAL WELL NUMBER: ST-615

OWNER: U. S. GEOL. SURVEY. (SEC. 28, T. 6S., R. 10E.) BORED OBSERVATION ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 34 FT, SCREENED 32-34. MP TOP OF CASING, 2.30 FT ABOVE LSD.
LSD 38.00 FT NGVD.
HIGHEST WATER LEVEL 2.51 BELOW LSD, JAN. 11, 1972.
LOWEST WATER LEVEL 9.48 BELOW LSD, DEC. 4, 1968.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1981	8.47	APR. 21, 1982	5.80				

303159090110001 LOCAL WELL NUMBER: ST-652

OWNER: WILLIE CORE. (SEC. 15, T. 6S., R. 10E.) DRILLED RECREATION ARTESIAN WELL IN RAMSAY AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 10 IN, DEPTH 3354 FT, SCREENED 3269-3354. MP CENTERLINE OF HORIZONTAL 10-IN PIPE, 3.00 FT ABOVE LSD.
LSD 44.00 FT NGVD.
HIGHEST WATER LEVEL 95.80 ABOVE LSD, MAY 2, 1969.
LOWEST WATER LEVEL 67.20 ABOVE LSD, MAY 17, 1977.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1981 +	78.70	JAN. 22, 1982 +	78.00	MAY 3, 1982 +	74.00	JULY 21, 1982 +	78.00

301839089493801 LOCAL WELL NUMBER: ST-661

OWNER: ALBERT L. STONE. (SEC. 37, T. 8S., R. 14E.) DRILLED DOMESTIC ARTESIAN WELL IN SLIDELL AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 2220 FT, SCREENED 2200-2220. MP CENTER OF 2-IN DISCHARGE LINE, 1.00 FT ABOVE LSD.
LSD 16.00 FT NGVD.
HIGHEST WATER LEVEL 87.45 ABOVE LSD, FEB. 20, 1969.
LOWEST WATER LEVEL 56.00 ABOVE LSD, OCT. 8, 1981.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1981 +	56.00	APR. 19, 1982 +	57.00				

See footnotes at end of table.

302606090263401 LOCAL WELL NUMBER: TA-7

OWNER: TOWN OF PONCHATOULA. (SEC. 18, T. 7S., R. 8E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN UPPER PONCHATOULA AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, REPORTED DEPTH 654 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF TEE AT WELL, 0.73 FT ABOVE LSD.
LSD 22.00 FT NGVD.
HIGHEST WATER LEVEL 11.60 ABOVE LSD, AUG. 8, 1939, FEB. 3, 1942,
LOWEST WATER LEVEL 1.42 ABOVE LSD, JULY 21, 1971.
RECORDS AVAILABLE 1934-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1981 +	3.33	JAN. 28, 1982 +	4.23	APR. 19, 1982 +	3.48	JULY 14, 1982 +	2.53

302549090222601 LOCAL WELL NUMBER: TA-242

OWNER: BYRON STEVENS. (SEC. 23, T. 7S., R. 8E.) DRILLED IRRIGATION ARTESIAN WELL IN UPPER PONCHATOULA AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 405 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 2-IN TEE, 1.00 FT ABOVE LSD.
LSD 20.00 FT NGVD.
HIGHEST WATER LEVEL 14.90 ABOVE LSD, APR. 3, 1947,
LOWEST WATER LEVEL 7.30 ABOVE LSD, MAY 9, 1963.
RECORDS AVAILABLE 1944-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1981 +	8.00	APR. 19, 1982 +	9.00				

303007090274801 LOCAL WELL NUMBER: TA-253

OWNER: CITY OF HAMMOND. (SEC. 25, T. 6S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN TCHEFUNCTA AQUIFER (ZONE 2) OF MIOCENE AGE, DIAM 8 IN, DEPTH 2190 FT, SCREENED 2070-2190.
MP TOP OF HORIZONTAL DISCHARGE PIPE, 2.00 FT ABOVE LSD.
LSD 35.00 FT NGVD.
HIGHEST WATER LEVEL 106.03 ABOVE LSD, DEC. 16, 1952,
LOWEST WATER LEVEL 59.80 ABOVE LSD, JULY 14, 1982.
RECORDS AVAILABLE 1952-63, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981 +	62.00	JAN. 19, 1982 +	63.00	APR. 30, 1982 +	62.00	JULY 14, 1982 +	59.80

304550090304101 LOCAL WELL NUMBER: TA-260

OWNER: TOWN OF ROSELAND. (SEC. 28, T. 3S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN ZONE 3 SAND OF MIOCENE AGE, DIAM 4 IN, DEPTH 2013 FT, SCREENED 1951-2013. MP TOP OF 3/4-IN VALVE, 3.65 FT ABOVE LSD.
LSD 130.86 FT NGVD.
HIGHEST WATER LEVEL 34.65 ABOVE LSD, MAY 5, 1953,
LOWEST WATER LEVEL 21.05 BELOW LSD, APR. 29, 1982.
RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1981	20.45	APR. 29, 1982	21.05				

303806090295903 LOCAL WELL NUMBER: TA-262

OWNER: TOWN OF INDEPENDENCE. (SEC. 10, T. 5S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN AMITE AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 3 IN, DEPTH 2316 FT, SCREENED 2256-2316. MP TOP OF 4-IN TEE, 2.40 FT ABOVE LSD.
LSD 95.00 FT NGVD.
HIGHEST WATER LEVEL 79.80 ABOVE LSD, JAN. 6, 1954,
LOWEST WATER LEVEL 5.30 ABOVE LSD, JAN. 19, 1982.
RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1981 +	9.10	JAN. 19, 1982 +	5.30	JULY 20, 1982 +	6.90		

See footnotes at end of table.

302957090274001 LOCAL WELL NUMBER: TA-268

OWNER: CITY OF HAMMOND. (SEC. 25, T. 6S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HAMMOND AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 8 IN, DEPTH 2449 FT, SCREENED 2365-2449. MP CENTERLINE OF SOUTH 6-IN DISCHARGE LINE, 2.10 FT ABOVE LSD.
LSD 35.00 FT NGVD.
HIGHEST WATER LEVEL 120.60 ABOVE LSD, JAN. 25, 1957.
LOWEST WATER LEVEL 20.50 ABOVE LSD, JULY 14, 1982.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1981	+ 23.10	JAN. 19, 1982	+ 22.10	APR. 30, 1982	+ 23.60	JULY 14, 1982	+ 20.50
NOV. 12	+ 24.60	MAR. 16	+ 25.40	JUNE 7	+ 22.10	AUG. 30	+ 22.60
DEC. 22	+ 26.10						

302519090311401 LOCAL WELL NUMBER: TA-273

OWNER: DOMINICAN SISTERS CONVENT. (SEC. 44, T. 7S., R. 7E.) DRILLED DOMESTIC ARTESIAN WELL IN TCHEFUNCTA AQUIFER (ZONE 2) OF MIOCENE AGE, DIAM 3 IN, DEPTH 2329 FT, SCREENED 2289-2329. MP CENTERLINE OF TEE, 2.00 FT ABOVE LSD.
LSD 11.00 FT NGVD.
HIGHEST WATER LEVEL 127.20 ABOVE LSD, APR. 12, 1960, MAY 17, 1960.
LOWEST WATER LEVEL 87.00 ABOVE LSD, OCT. 31, 1980, OCT. 8, 1981.
RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1981	+ 87.00	APR. 30, 1982	+ 88.00				

305237090305101 LOCAL WELL NUMBER: TA-283

OWNER: VILLAGE OF TANGIPAHOA. (SEC. 60, T. 2S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN AMITE AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 13 IN, DEPTH 1457 FT, SCREENED 1419-1457. MP TOP OF SANITARY SEAL, 1.00 FT ABOVE LSD.
LSD 179.00 FT NGVD.
HIGHEST WATER LEVEL 36.30 BELOW LSD, MAR. 23, 1971.
LOWEST WATER LEVEL 67.94 BELOW LSD, JULY 13, 1982.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1981	63.30	JAN. 19, 1982	61.20	APR. 29, 1982	61.00	JULY 13, 1982	67.94

303622090243901 LOCAL WELL NUMBER: TA-360

OWNER: U. S. GEOL. SURVEY. (SEC. 21, T. 5S., R. 8E.) BORED OBSERVATION ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 1 1/4 IN, DEPTH 54 FT, SCREENED 52-54. MP TOP OF CASING, 3.15 FT ABOVE LSD.
LSD 75.00 FT NGVD.
HIGHEST WATER LEVEL 14.85 BELOW LSD, OCT. 29, 1980.
LOWEST WATER LEVEL 18.76 BELOW LSD, DEC. 3, 1968.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	17.15	APR. 30, 1982	17.45				

305737090322501 LOCAL WELL NUMBER: TA-362

OWNER: U. S. GEOL. SURVEY. (SEC. 40, T. 1S., R. 7E.) BORED OBSERVATION ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 1 1/4 IN, DEPTH 43 FT, SCREENED 40-43. MP TOP OF CASING, 3.20 FT ABOVE LSD.
LSD 265.00 FT NGVD.
HIGHEST WATER LEVEL 16.65 BELOW LSD, APR. 28, 1980.
LOWEST WATER LEVEL 25.03 BELOW LSD, DEC. 21, 1970.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1981	22.50	APR. 29, 1982	22.20				

See footnotes at end of table.

TANGIPAHOA PARISH

305434090264201 LOCAL WELL NUMBER: TA-440

OWNER: U. S. GEOL. SURVEY. (SEC. 47, T. 2S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN KENTWOOD AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 603 FT, SCREENED 593-603. MP TOP OF 2-IN GALVANIZED PIPE, 2.15 FT ABOVE LSD.
LSD 220.00 FT NGVD.
HIGHEST WATER LEVEL 1.61 BELOW LSD, SEP. 24, 1975.
LOWEST WATER LEVEL 6.25 BELOW LSD, MAY 3, 1982.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	5.95	MAY 3, 1982	6.25				

VERMILION PARISH

300245092200301 LOCAL WELL NUMBER: VE-333

OWNER: JOSEPH HERPIN. (SEC. 35, T. 11S., R. 1E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 TO 8 IN, REPORTED DEPTH 280 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 4.31 FT ABOVE LSD.
LSD 14.03 FT NGVD.
HIGHEST WATER LEVEL 15.69 BELOW LSD, MAR. 21, 1950.
LOWEST WATER LEVEL 51.79 BELOW LSD, MAY 26, 1981.
RECORDS AVAILABLE 1948-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 15, 1981	38.28	JAN. 22, 1982	35.43	APR. 20, 1982	41.72	JULY 23, 1982	43.45
NOV. 30	36.78	FEB. 25	34.81	MAY 20	44.00E	AUG. 23	39.49
DEC. 17	36.59	MAR. 23	40.58	JUNE 24	45.57	SEP. 22	39.55

294825092202004 LOCAL WELL NUMBER: VE-629U

OWNER: U. S. GEOL. SURVEY. (SEC. 23, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 457 FT, SCREENED 447-457. MP TOP OF 1-IN PIPE, 2.95 FT ABOVE LSD.
LSD 1.79 FT NGVD.
HIGHEST WATER LEVEL 3.77 BELOW LSD, MAR. 9, 1966.
LOWEST WATER LEVEL 7.40 BELOW LSD, AUG. 11, 1977.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 12, 1982	7.16						

294825092202005 LOCAL WELL NUMBER: VE-629L

OWNER: U. S. GEOL. SURVEY. (SEC. 23, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 487 FT, SCREENED 477-487. MP TOP OF 1-IN PIPE, 2.95 FT ABOVE LSD.
LSD 1.79 FT NGVD.
HIGHEST WATER LEVEL 3.89 BELOW LSD, MAR. 9, 1966.
LOWEST WATER LEVEL 7.46 BELOW LSD, AUG. 11, 1977.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 12, 1982	7.22						

295031092203202 LOCAL WELL NUMBER: VE-630U

OWNER: U. S. GEOL. SURVEY. (SEC. 10, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 498 FT, SCREENED 488-498. MP TOP OF 1-IN PIPE, 2.93 FT ABOVE LSD.
LSD 4.75 FT NGVD.
HIGHEST WATER LEVEL 7.15 BELOW LSD, MAR. 5, 1968.
LOWEST WATER LEVEL 11.74 BELOW LSD, AUG. 11, 1977.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 12, 1982	11.35						

See footnotes at end of table.

VERMILION PARISH

295031092203203 LOCAL WELL NUMBER: VE-630L

OWNER: U. S. GEOL. SURVEY. (SEC. 10, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 528 FT, SCREENED 518-528. MP TOP OF 1-IN PIPE, 2.93 FT ABOVE LSD.
LSD 4.75 FT NGVD.
HIGHEST WATER LEVEL 7.38 BELOW LSD, MAR. 9, 1966,
LOWEST WATER LEVEL 11.83 BELOW LSD, AUG. 11, 1977.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 12, 1982	11.45						

295345092100702 LOCAL WELL NUMBER: VE-637U

OWNER: U. S. GEOL. SURVEY. (SEC. 15, T. 13S., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 IN, DEPTH 198 FT, SCREENED 188-198. MP TOP OF 1-IN PIPE, 2.66 FT ABOVE LSD.
LSD 4.06 FT NGVD.
HIGHEST WATER LEVEL 7.99 BELOW LSD, FEB. 24, 1966,
LOWEST WATER LEVEL 13.51 BELOW LSD, JUNE 9, 1971.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 12, 1982	12.55						

295345092100703 LOCAL WELL NUMBER: VE-637L

OWNER: U. S. GEOL. SURVEY. (SEC. 15, T. 13S., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 IN, DEPTH 243 FT, SCREENED 233-243. MP TOP OF 1-IN PIPE, 2.66 FT ABOVE LSD.
LSD 4.06 FT NGVD.
HIGHEST WATER LEVEL 8.10 BELOW LSD, FEB. 24, 1966,
LOWEST WATER LEVEL 15.11 BELOW LSD, JUNE 25, 1970.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 12, 1982	12.68						

295516092082501 LOCAL WELL NUMBER: VE-649

OWNER: U. S. GEOL. SURVEY. (SEC. 44, T. 13S., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 350 FT, SCREENED 344-350. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
LSD 9.74 FT NGVD.
HIGHEST WATER LEVEL 15.66 BELOW LSD, OCT. 22, 1965,
LOWEST WATER LEVEL 19.15 BELOW LSD, MAY 12, 1982.
RECORDS AVAILABLE 1965, 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 12, 1982	19.15						

WASHINGTON PARISH

304652089512201 LOCAL WELL NUMBER: WA-13

OWNER: CROWN ZELLERBACH. (SEC. 38, T. 3S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 20 IN, DEPTH 156 FT, SCREENED 90-156. MP TOP EDGE OF RECORDER SHELTER SUBFLOOR, 1.30 FT ABOVE LSD.
LSD 95.00 FT NGVD.
HIGHEST WATER LEVEL 1.30 ABOVE LSD, FEB. 22, 1961,
LOWEST WATER LEVEL 44.07 BELOW LSD, SEP. 22, 1958.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	19.13	JAN. 22, 1982	19.40	APR. 28, 1982	16.90	JULY 26, 1982	19.03

304756089514401 LOCAL WELL NUMBER: WA-14

OWNER: CITY OF BOGALUSA. (SEC. 11, T. 3S., R. 13E.) DRILLED UNUSED PUBLIC-SUPPLY ARTESIAN WELL IN COVINGTON AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 12 IN, DEPTH 681 FT, SCREENED 580-681. MP TOP OF PUMP DISCHARGE LINE, 3.70 FT ABOVE LSD.
LSD 105.00 FT NGVD.
HIGHEST WATER LEVEL 35.70 ABOVE LSD, MAY 16, 1979,
LOWEST WATER LEVEL 2.20 ABOVE LSD, OCT. 5, 1955.
RECORDS AVAILABLE 1950-67, 1970-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981 +	19.10	JAN. 22, 1982 +	16.20	APR. 28, 1982 +	16.20	JULY 21, 1982 +	21.40

304613089513201 LOCAL WELL NUMBER: WA-15

OWNER: CITY OF BOGALUSA. (SEC. 38, T. 3S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN COVINGTON AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 12 IN, DEPTH 769 FT, SCREENED 688-769. MP TOP OF PLUG IN 2-IN TEE AT END OF 3-IN DISCHARGE LINE, 1.50 FT ABOVE LSD.
LSD 98.00 FT NGVD.
HIGHEST WATER LEVEL 29.80 ABOVE LSD, APR. 18, 1950,
LOWEST WATER LEVEL 5.46 ABOVE LSD, JULY 30, 1957.
RECORDS AVAILABLE 1942, 1950-63, 1965-68, 1970-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981 +	23.60	APR. 28, 1982 +	21.00				

305036090092101 LOCAL WELL NUMBER: WA-18

OWNER: TOWN OF FRANKLINTON. (SEC. 46, T. 2S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN KENTWOOD AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 6 IN, DEPTH 788 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 6-IN TEE, 1.20 FT ABOVE LSD.
LSD 150.00 FT NGVD.
HIGHEST WATER LEVEL 35.80 ABOVE LSD, DEC. 21, 1942,
LOWEST WATER LEVEL 17.10 ABOVE LSD, NOV. 9, 1955.
RECORDS AVAILABLE 1942, 1949-62, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 28, 1982 +	18.20						

304756089514402 LOCAL WELL NUMBER: WA-41

OWNER: CITY OF BOGALUSA. (SEC. 11, T. 3S., R. 13E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN ZONE 3 SAND OF MIOCENE AGE, DIAM 12 IN, DEPTH 1442 FT, SCREENED 1352-1442. MP BOTTOM EDGE OF FLANGE ON PIPE EXTENDING FROM SIDE OF CASING, 0.78 FT ABOVE LSD.
LSD 105.00 FT NGVD.
HIGHEST WATER LEVEL 33.40 ABOVE LSD, MAR. 16, 1950,
LOWEST WATER LEVEL 86.52 BELOW LSD, JUNE 4, 1982.
RECORDS AVAILABLE 1950, 1952-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	76.80	JAN. 22, 1982	86.12	APR. 28, 1982	82.02	JULY 26, 1982	49.00
NOV. 12	74.34	MAR. 12	73.12	JUNE 4	86.52	AUG. 24	73.55
DEC. 17	67.72						

304107089523401 LOCAL WELL NUMBER: WA-43

OWNER: V. A. TALLEY. (SEC. 49, T. 4S., R. 13E.) DRILLED DOMESTIC ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 2 IN, DEPTH 420 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF VALVE, 1.40 FT ABOVE LSD.
LSD 71.00 FT NGVD.
HIGHEST WATER LEVEL 31.00 ABOVE LSD, SEP. 12, 1950,
LOWEST WATER LEVEL 8.10 ABOVE LSD, SEP. 26, 1978.
RECORDS AVAILABLE 1950-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981 +	13.90	APR. 28, 1982 +	11.90				

See footnotes at end of table.

WASHINGTON PARISH

305124090093401 LOCAL WELL NUMBER: WA-57

OWNER: TOWN OF FRANKLINTON. (SEC. 45, T. 2S., R. 10E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN FRANKLINTON AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 12 IN, DEPTH 2746 FT, SCREENED 2614-2746.
MP HOLE IN PLATE OVER CASING, 0.72 FT ABOVE LSD.
LSD 160.00 FT NGVD.
HIGHEST WATER LEVEL 20.76 BELOW LSD, AUG. 26, 1957.
LOWEST WATER LEVEL 61.79 BELOW LSD, SEP. 26, 1978.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1981	55.08	JAN. 26, 1982	55.98	APR. 28, 1982	56.48	JULY 21, 1982	57.95

305515090194101 LOCAL WELL NUMBER: WA-91

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 1S., R. 9E.) DRILLED OBSERVATION ARTESIAN WELL IN KENTWOOD AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 600 FT, SCREENED 580-600. MP TOP OF 2-IN CASING, 0.20 FT ABOVE LSD.
LSD 240.00 FT NGVD.
HIGHEST WATER LEVEL 11.19 BELOW LSD, OCT. 30, 1980.
LOWEST WATER LEVEL 15.03 BELOW LSD, FEB. 13, 1979.
RECORDS AVAILABLE 1975-81.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	12.97						

304709090121502 LOCAL WELL NUMBER: WA-103

OWNER: LSU SOUTHEAST EXPERIMENT STATION. (SEC. 16, T. 3S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 6 IN, DEPTH 170 FT, SCREENED 140-170.
MP TOP OF FLANGE, 0.80 FT ABOVE LSD.
LSD 225.00 FT NGVD.
HIGHEST WATER LEVEL 64.69 BELOW LSD, SEP. 10, 1975.
LOWEST WATER LEVEL 70.90 BELOW LSD, APR. 28, 1982.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1981	69.48	APR. 28, 1982	70.90				

304900089542601 LOCAL WELL NUMBER: WA-125

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 3S., R. 13E.) DRILLED OBSERVATION ARTESIAN WELL IN ZONE 3 SAND OF MIOCENE AGE, DIAM 2 IN, DEPTH 1450 FT, SCREENED 1440-1450. MP TOP OF 2-IN CASING, 0.40 FT ABOVE LSD.
LSD 150.00 FT NGVD.
HIGHEST WATER LEVEL 66.46 BELOW LSD, APR. 3, 1978.
LOWEST WATER LEVEL 89.10 BELOW LSD, JAN. 22, 1982.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	85.88	JAN. 22, 1982	89.10	APR. 28, 1982	81.80	JULY 15, 1982	72.80

WEST BATON ROUGE PARISH

302732091121901 LOCAL WELL NUMBER: WBR-5

OWNER: CITY OF PORT ALLEN. (SEC. 66, T. 7S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 IN, DEPTH 1,335 FT, SCREENED 1,230-1,335. MP TOP EDGE OF 3/8-IN HOLE IN 8-IN PLUG IN TEE ATOP CASING, 6.76 FT ABOVE LSD.
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 36.10 ABOVE LSD, JUNE 21, 1943.
LOWEST WATER LEVEL 112.62 BELOW LSD, AUG. 15, 1974.
RECORDS AVAILABLE 1943-46, 1949-50, 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1981	96.13	JAN. 20, 1982	100.94	APR. 22, 1982	91.95	JULY 30, 1982	89.34
NOV. 12	97.96	MAR. 11	95.68	JUNE 2	92.14	AUG. 30	88.59
DEC. 18	95.51						

302610091121101 LOCAL WELL NUMBER: WBR-36

OWNER: BATON ROUGE PORT AUTHORITY. (SEC. 69, T. 7S., R. 12E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 14 TO 10 IN, REPORTED DEPTH 1,360 FT, SCREENED 1,245-1,290,1,305-1,360. MP TOP OF 3/4-IN BREATHER PIPE IN FLANGE ATOP CASING, 1.00 FT ABOVE LSD.
LSD 29.00 FT NGVD.
HIGHEST WATER LEVEL 33.90 BELOW LSD, FEB. 3, 1955,
LOWEST WATER LEVEL 106.75 BELOW LSD, OCT. 1, 1969.
RECORDS AVAILABLE 1955, 1962, 1967, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	94.25	MAY 5, 1982	83.06				

302613091121501 LOCAL WELL NUMBER: WBR-37

OWNER: BATON ROUGE PORT AUTHORITY. (SEC. 69, T. 7S., R. 12E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 14 TO 10 IN, DEPTH 1,356 FT, SCREENED 1,235-1,288,1,318-1,335,1,340-1,356. MP TOP OF 3/4-IN BREATHER PIPE IN FLANGE ATOP CASING, 1.00 FT ABOVE LSD.
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 31.93 BELOW LSD, FEB. 3, 1955,
LOWEST WATER LEVEL 112.25 BELOW LSD, OCT. 18, 1974.
RECORDS AVAILABLE 1955, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	94.40	MAY 5, 1982	84.65				

302922091122301 LOCAL WELL NUMBER: WBR-50

OWNER: POPLAR GROVE PLANTING AND REFINING CO., INC. (SEC. 59, T. 7S., R. 12E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 8 IN, DEPTH 2,105 FT, SCREENED 2,045-2,105. MP TOP INSIDE EDGE OF 2-IN NIPPLE, 0.80 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 90.02 BELOW LSD, JAN. 7, 1960,
LOWEST WATER LEVEL 296.41 BELOW LSD, SEP. 25, 1973.
RECORDS AVAILABLE 1958-81.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	278.60						

302851091145801 LOCAL WELL NUMBER: WBR-74

OWNER: MISSOURI PACIFIC RAILROAD. (SEC. 89, T. 7S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, ESTIMATED DEPTH 175 FT. SCREENED INTERVAL UNKNOWN. MP TOP OF CASING, 0.86 FT ABOVE LSD.
LSD 24.00 FT NGVD.
HIGHEST WATER LEVEL 10.56 ABOVE LSD, MAY 21, 1979,
LOWEST WATER LEVEL 18.92 BELOW LSD, JAN. 26, 1981.
RECORDS AVAILABLE 1958, 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	17.04	FEB. 5, 1982	3.23	MAY 5, 1982	0.05	AUG. 2, 1982	8.14

302546091131402 LOCAL WELL NUMBER: WBR-97B

OWNER: MRS. HUGHES. (SEC. 70, T. 7S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,200 FT, SCREENED 2,170-2,200. MP TOP EDGE OF 1/2-IN HOLE IN CAP, 0.92 FT ABOVE LSD.
LSD 17.00 FT NGVD.
HIGHEST WATER LEVEL 26.50 ABOVE LSD, JULY 22, 1964,
LOWEST WATER LEVEL 67.68 BELOW LSD, JULY 19, 1979.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	59.73	FEB. 5, 1982	48.39	MAY 11, 1982	58.88	AUG. 2, 1982	59.08
NOV. 2	45.08	MAY 5	59.06				

302652091121401 LOCAL WELL NUMBER: WBR-100A

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 68, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,888 FT. SCREENED 1,884-1,888. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
LSD 29.00 FT NGVD.
HIGHEST WATER LEVEL 58.30 BELOW LSD, MAY 6, 1966.
LOWEST WATER LEVEL 129.12 BELOW LSD, DEC. 20, 1976.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	127.90	FEB. 5, 1982	128.88	MAY 5, 1982	124.96	AUG. 2, 1982	121.80
NOV. 2	126.60						

302652091121402 LOCAL WELL NUMBER: WBR-100B

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 68, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,448 FT. SCREENED 2,444-2,448. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
LSD 29.00 FT NGVD.
HIGHEST WATER LEVEL 87.97 BELOW LSD, MAY 17, 1966.
LOWEST WATER LEVEL 169.38 BELOW LSD, OCT. 23, 1980.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	165.00	FEB. 5, 1982	156.38	MAY 5, 1982	151.24	AUG. 2, 1982	150.45
NOV. 2	164.60						

302726091145501 LOCAL WELL NUMBER: WBR-101

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 91, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,367 FT. SCREENED 1,363-1,367. MP TOP OF 3/8-IN HOLE IN CAP, 1.02 FT ABOVE LSD.
LSD 19.00 FT NGVD.
HIGHEST WATER LEVEL 59.55 BELOW LSD, APR. 29, 1966.
LOWEST WATER LEVEL 79.73 BELOW LSD, OCT. 26, 1972.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	74.03	FEB. 8, 1982	73.10	MAY 5, 1982	68.96	AUG. 2, 1982	66.73
NOV. 3	72.48						

302806091172601 LOCAL WELL NUMBER: WBR-102A

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,288 FT. SCREENED 1,284-1,288. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.35 FT ABOVE LSD.
LSD 18.00 FT NGVD.
HIGHEST WATER LEVEL 43.16 BELOW LSD, MAY 6, 1966.
LOWEST WATER LEVEL 62.37 BELOW LSD, OCT. 26, 1972.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	59.25	MAY 5, 1982	55.63				

302806091172602 LOCAL WELL NUMBER: WBR-102B

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,100 FT. SCREENED 2,096-2,100. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.35 FT ABOVE LSD.
LSD 18.00 FT NGVD.
HIGHEST WATER LEVEL 63.89 BELOW LSD, APR. 22, 1966.
LOWEST WATER LEVEL 189.22 BELOW LSD, SEP. 25, 1973.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	170.85	MAY 5, 1982	167.23				

WEST BATON ROUGE PARISH

302703091133703 LOCAL WELL NUMBER: WBR-106

OWNER: U. S. GEOL. SURVEY. (SEC. 93, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN, DEPTH 2,017 FT, SCREENED 2,012-2,017. MP TOP EDGE OF 3/4-IN AIRLINE (REMOVE CASING EXTENSION), 2.08 FT ABOVE LSD.
LSD 22.00 FT NGVD.
HIGHEST WATER LEVEL 166.62 BELOW LSD, JULY 28, 1966,
LOWEST WATER LEVEL 288.20 BELOW LSD, NOV. 8, 1973.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	259.02	FEB. 8, 1982	253.08	MAY 5, 1982	241.94	AUG. 2, 1982	246.72
NOV. 3	247.02						

302853091150201 LOCAL WELL NUMBER: WBR-146

OWNER: U. S. GEOL. SURVEY. (SEC. 119, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 1/2 IN, DEPTH 472 FT, SCREENED 462-472. MP TOP OF 2 1/2-IN COLLAR, AT LSD.
LSD 25.00 FT NGVD.
HIGHEST WATER LEVEL 10.54 ABOVE LSD, APR. 27, 1979,
LOWEST WATER LEVEL 20.40 BELOW LSD, JAN. 26, 1981.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	18.80	FEB. 5, 1982	5.19	MAY 5, 1982	1.98	AUG. 2, 1982	9.70

302559091122001 LOCAL WELL NUMBER: WBR-147

OWNER: U. S. GEOL. SURVEY. (SEC. 70, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 1/2 IN, DEPTH 1,292 FT, SCREENED 1,282-1,292. MP TOP OF 2 1/2-IN COLLAR, 1.23 FT ABOVE LSD.
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 34.47 BELOW LSD, DEC. 3, 1979,
LOWEST WATER LEVEL 45.37 BELOW LSD, MAY 8, 1980.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	38.52	NOV. 3, 1981	37.77	MAY 5, 1982	35.92		

302702091185101 LOCAL WELL NUMBER: WBR-148

OWNER: U. S. GEOL. SURVEY. (SEC. 23, T. 7S., R. 11E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 1/2 IN, DEPTH 1,304 FT, SCREENED 1,294-1,304. MP TOP OF 2 1/2-IN CASING, AT LSD.
LSD 14.00 FT NGVD.
HIGHEST WATER LEVEL 45.40 BELOW LSD, AUG. 2, 1982,
LOWEST WATER LEVEL 53.60 BELOW LSD, SEP. 8, 1978.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	52.50	FEB. 8, 1982	51.69	MAY 5, 1982	49.25	AUG. 2, 1982	45.40

302958091124801 LOCAL WELL NUMBER: WBR-160

OWNER: WEST BATON ROUGE GAS AND WATER SYSTEM. (SEC. 50, T. 6S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("800-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 840 FT, SCREENED 830-840. MP 1/2-IN HOLE IN TOP OF CAP, 2.40 FT ABOVE LSD.
LSD 26.00 FT NGVD.
HIGHEST WATER LEVEL 47.10 BELOW LSD, JULY 15, 1980,
LOWEST WATER LEVEL 112.70 BELOW LSD, OCT. 9, 1981.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	112.70C	FEB. 5, 1982	96.05	APR. 22, 1982	84.03	JULY 30, 1982	100.40

See footnotes at end of table.

WEST BATON ROUGE PARISH

302958091124802 LOCAL WELL NUMBER: WBR-161

OWNER: U. S. GEOL. SURVEY. (SEC. 50, T. 6S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 650 FT, SCREENED 640-650. MP HOLE IN TOP OF CAP, 2.00 FT ABOVE LSD.
LSD 26.00 FT NGVD.
HIGHEST WATER LEVEL 36.98 BELOW LSD, APR. 22, 1982,
LOWEST WATER LEVEL 63.75 BELOW LSD, SEP. 19, 1979.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1981	55.30	FEB. 5, 1982	48.95	APR. 22, 1982	36.98	JULY 30, 1982	46.00

WEST FELICIANA PARISH

305643091341201 LOCAL WELL NUMBER: WF-22D

OWNER: LA. STATE PENITENTIARY. (SEC. 53, T. 1S., R. 5W.) DRILLED UNUSED ARTESIAN WELL IN ZONE 3 AQUIFER OF MIOCENE AGE, DIAM 12 IN, DEPTH 907 FT, SCREENED 847-907. MP (FLOWING CONDITIONS) TOP OF IRON COVER PLATE, 0.50 FT ABOVE LSD. MP (NONFLOWING CONDITIONS) TOP OF 3/4-IN X 1 1/2-IN BUSHING, 0.69 FT ABOVE LSD.
LSD 50.00 FT NGVD.
HIGHEST WATER LEVEL 15.90 ABOVE LSD, APR. 3, 1959,
LOWEST WATER LEVEL 9.98 BELOW LSD, OCT. 7, 1981.
RECORDS AVAILABLE 1956, 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	9.98	APR. 19, 1982	7.37				

305633091341601 LOCAL WELL NUMBER: WF-40

OWNER: LA. STATE PENITENTIARY. (SEC. 24, T. 1S., R. 5W.) DRILLED INSTITUTIONAL ARTESIAN WELL IN ZONE 2 AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 12 IN, REPORTED DEPTH 632 FT, SCREENED 549-632. MP TOP INSIDE EDGE OF 2-IN ELBOW ATOP CASING, 2.85 FT ABOVE LSD.
LSD 50.00 FT NGVD.
HIGHEST WATER LEVEL 23.90 ABOVE LSD, MAY 8, 1958,
LOWEST WATER LEVEL 7.11 BELOW LSD, OCT. 7, 1981.
RECORDS AVAILABLE 1956, 1958-59, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	7.11	APR. 19, 1982	4.98				

304935091221001 LOCAL WELL NUMBER: WF-188

OWNER: U. S. GEOL. SURVEY. (SEC. 69, T. 2S., R. 3W.) DRILLED OBSERVATION WATER-TABLE WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 1 1/4 IN, DEPTH 55 FT, SCREENED 52-55. MP TOP OF 1 1/4-IN CASING, 0.20 FT ABOVE LSD.
LSD 117.00 FT NGVD.
HIGHEST WATER LEVEL 12.44 BELOW LSD, APR. 28, 1980,
LOWEST WATER LEVEL 16.68 BELOW LSD, JULY 9, 1963.
RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	14.55	APR. 19, 1982	14.74				

304704091223801 LOCAL WELL NUMBER: WF-222

OWNER: TOWN OF ST. FRANCISVILLE. (SEC. 68, T. 3S., R. 3W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 IN, DEPTH 1526 FT, SCREENED 1446-1526. MP TOP EDGE OF UNION, 1.15 FT ABOVE LSD.
LSD 140.00 FT NGVD.
HIGHEST WATER LEVEL 59.64 BELOW LSD, APR. 16, 1962,
LOWEST WATER LEVEL 133.95 BELOW LSD, JAN. 27, 1982.
RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1981	120.80	MAR. 8, 1982	116.69	APR. 19, 1982	113.13	JULY 14, 1982	113.13
JAN. 27, 1982	133.95H						

+ Above land-surface datum.
B Well pumped recently.
C Nearby well or wells being pumped.
E Estimated.
H Tape measurement (recorder).

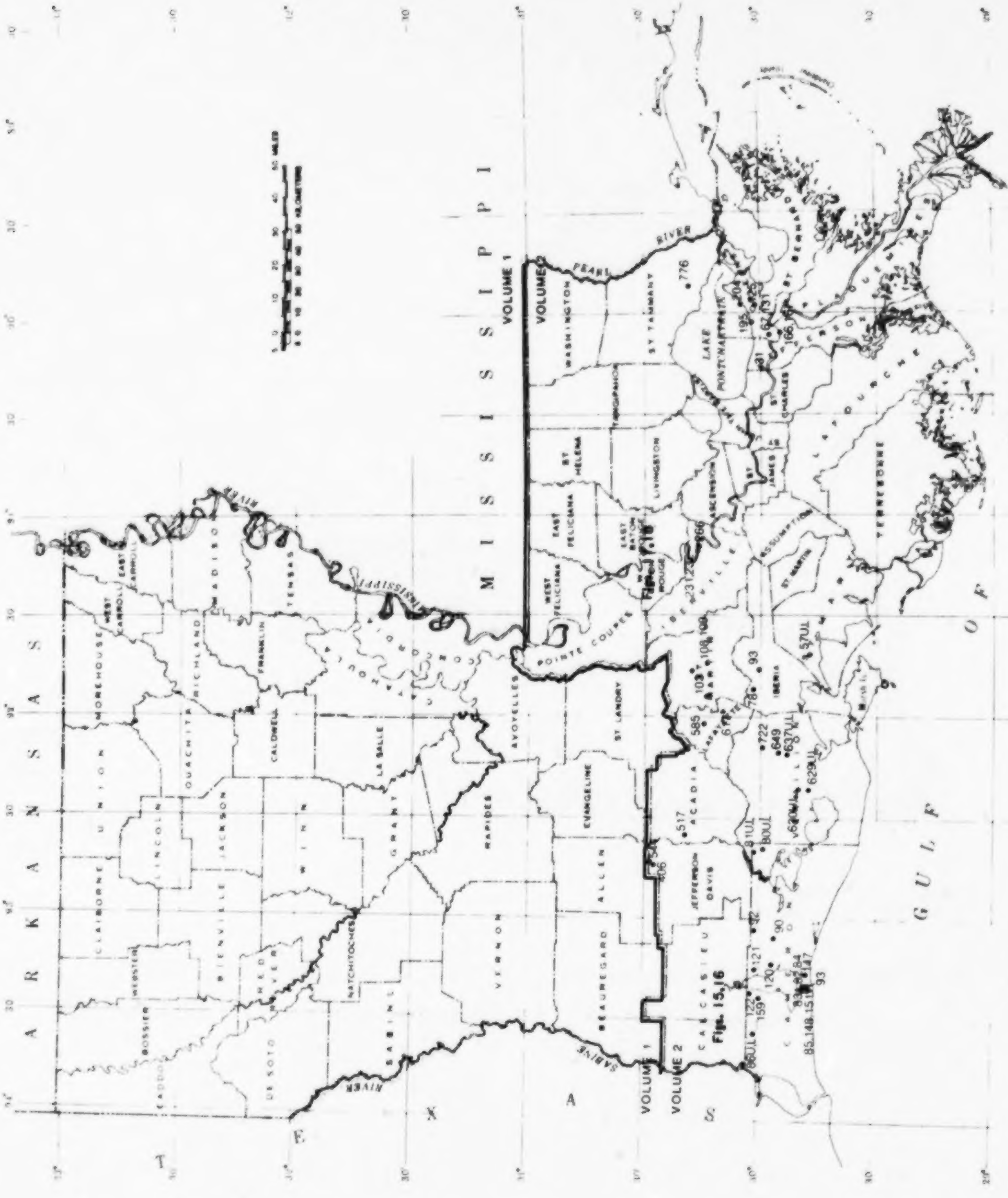
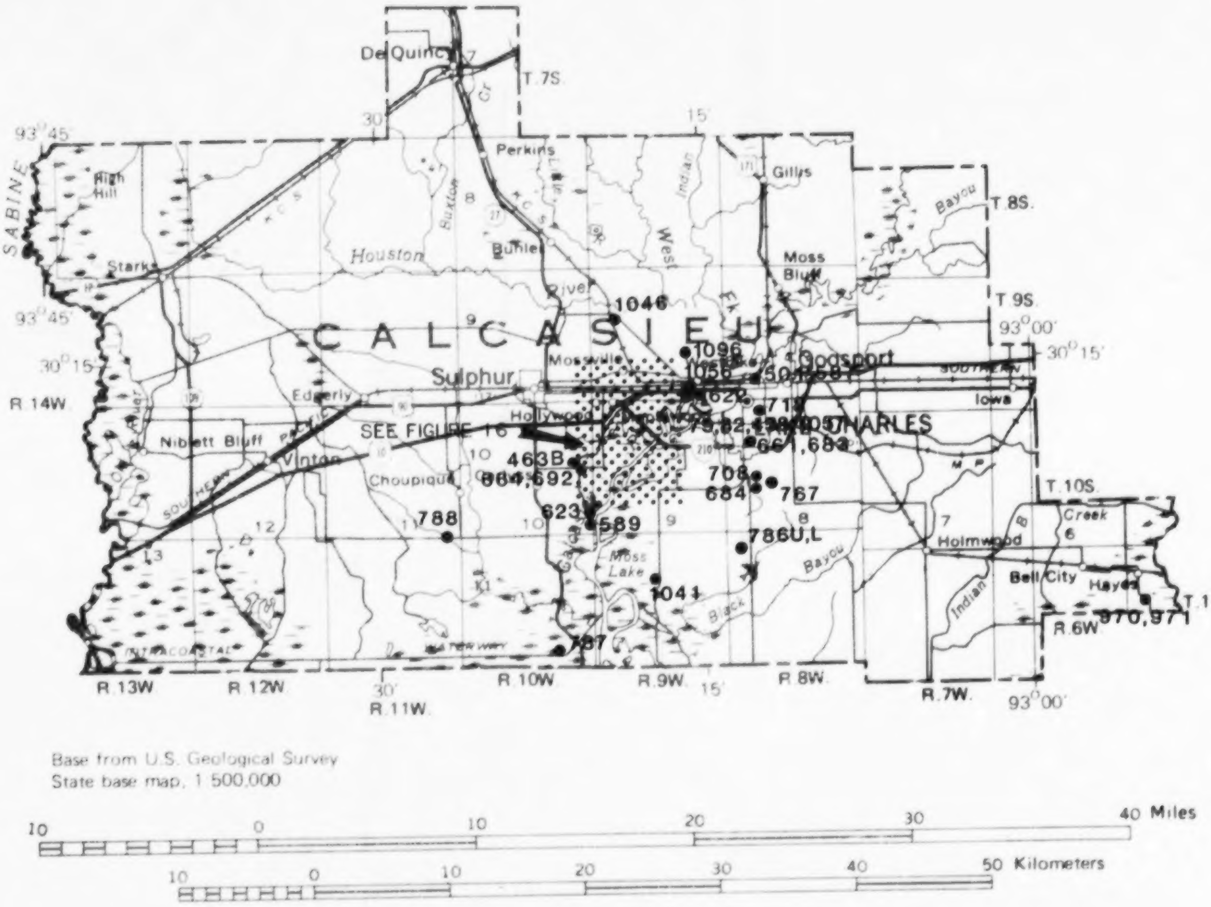


Figure 14.--Location of wells for which water-quality data are included in this report.



Base from U.S. Geological Survey
State base map, 1:500,000

Figure 15.--Location of wells for which water-quality data are included, Calcasieu Parish, except for wells located in the shaded area (see fig. 16).

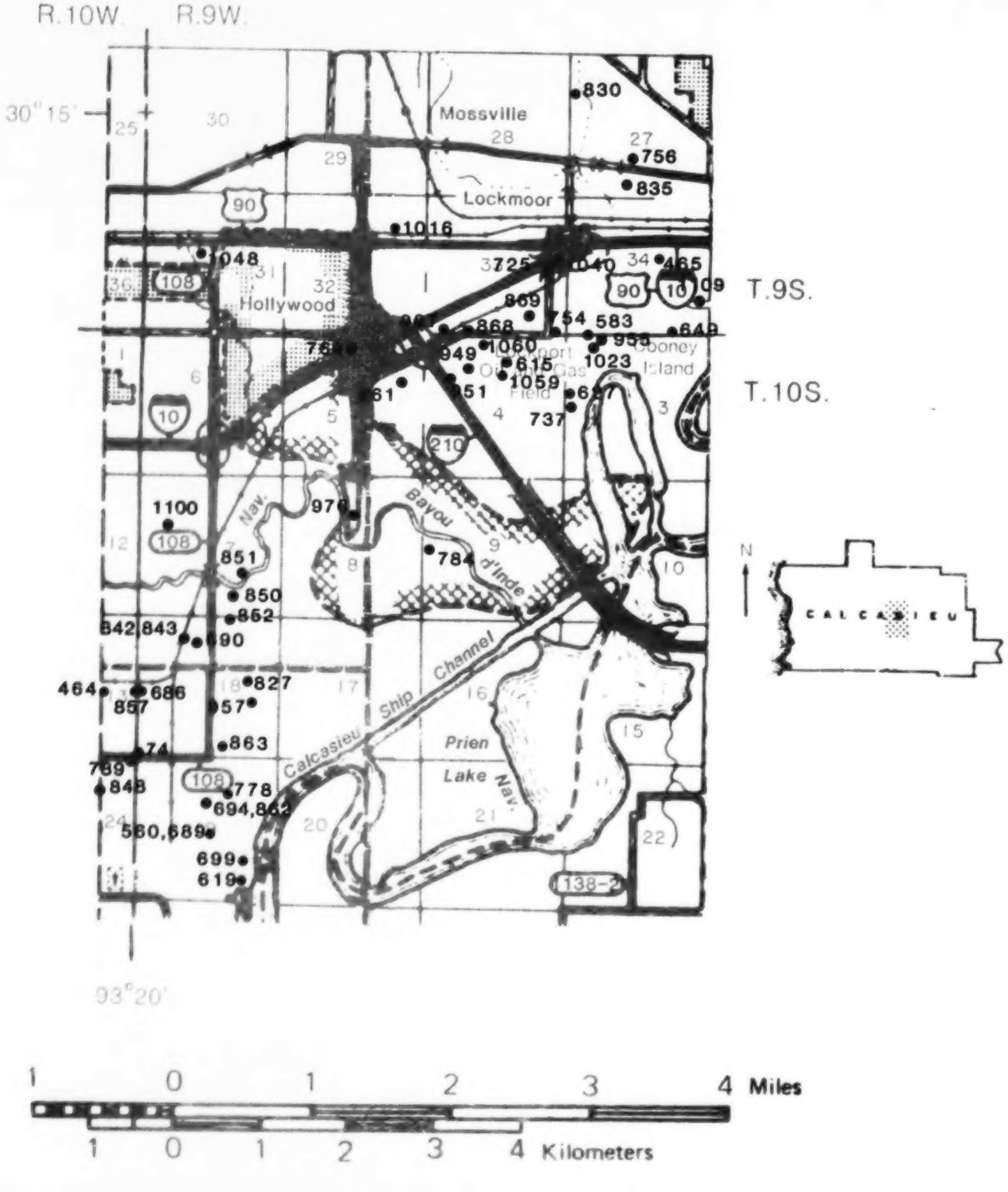


Figure 16.--Location of wells for which water-quality data are included in the shaded area shown in figure 15, Calcasieu Parish.

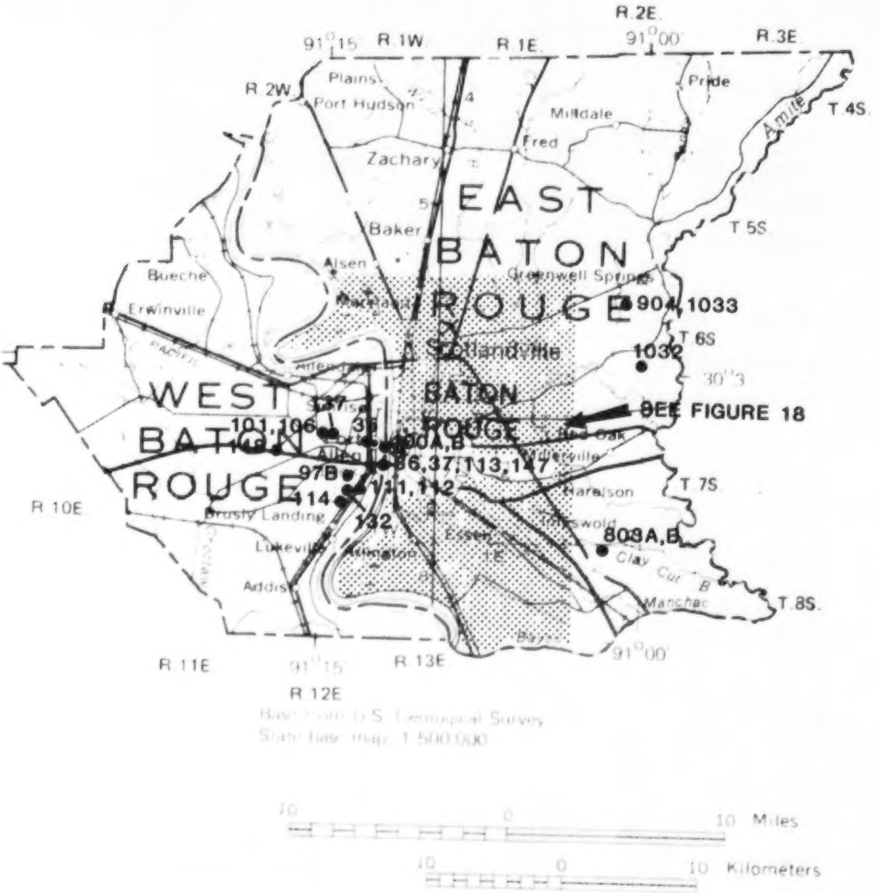


Figure 17.—Location of wells for which water-quality data are included, East Baton Rouge and West Baton Rouge Parishes, except for wells located in the shaded area (see fig. 18).

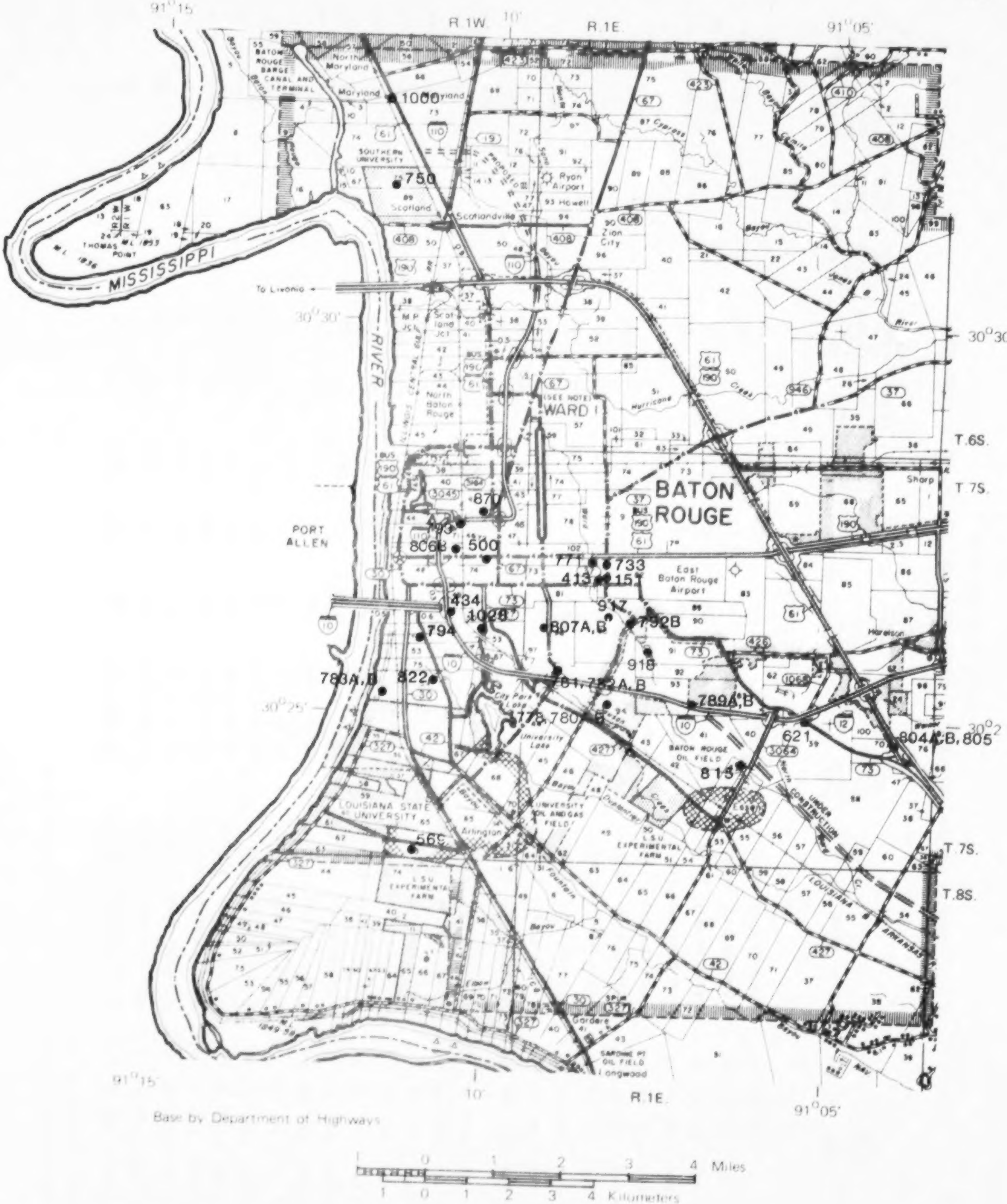


Figure 18.--Location of wells for which water-quality data are included in the shaded area shown in figure 17, East Baton Rouge Parish.

QUALITY OF GROUND WATER

PARTIAL CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1981 TO SEPTEMBER 1982

LOCAL IDENT- I- FIER	STATION NUMBER	GEO- LOGIC UNIT 1/	DEPTH OF WELL, TOTAL (FEET)	DATE OF SAMPLE	SPE- CIFIC CON- DUCT- ANCE LAB (UMHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	HARD- NESS (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	BROMIDE DIS- SOLVED (MG/L AS BR)	IODIDE, DIS- SOLVED (MG/L AS I)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)
				CALCASIEU PARISH									
CU- 74 10S 9W 18	301107093200101	11205LC	545	81-11-05	373	7.3	25.0	110	23	--	--	--	--
CU- 82 9S 9W 34	301359093162201	11205LC	516	81-11-04	390	7.4	24.5	--	38	--	--	30	--
CU- 458 9S 9W 34	301422093160601	11205LC	509	81-11-04	427	7.2	24.5	110	47	--	--	210	--
CU- 464 10S 10W 13	301129093202001	11205LC	530	81-11-02	360	7.2	23.5	--	24	--	--	1300	--
CU- 465 9S 9W 34	301407093161701	11205LC	520	81-11-04	533	7.2	24.5	--	73	--	--	740	--
CU- 501 9S 8W 32	301425093124201	11207LC	687	81-10-13	618	7.4	25.0	--	110	--	--	1900	--
CU- 560 10S 9W 19	301035093193401	11205LC	563	81-10-28	519	7.4	23.5	--	57	--	--	80	--
CU- 583 10S 9W 3	301321093165202	11207LC	669	81-11-03	523	7.3	24.0	--	73	--	--	430	--
CU- 587 9S 8W 31	301428093131201	11207LC	626	81-10-13	678	6.8	24.5	130	130	--	--	2400	--
CU- 589 10S 10W 25	300917093202701	11205LC	585	81-11-06	450	7.2	24.5	120	33	--	--	--	--
		11205LC	585	82-06-03	454	7.6	26.0	130	32	--	--	230	--
CU- 615 10S 9W 4	301338093172801	11205LC	533	81-11-03	605	7.1	25.0	--	97	--	--	1000	--
CU- 619 10S 9W 19	301035093191101	11205LC	586	81-10-28	405	7.5	23.5	--	21	--	--	60	--
CU- 623 10S 10W 25	300920093202901	11205LC	585	82-06-03	425	7.5	26.5	120	25	--	--	<10	--
CU- 627 10S 9W 3	301319093165501	11205LC	549	81-11-03	757	7.1	25.5	120	140	--	--	490	--
CU- 649 9S 9W 34	301353093162001	11205LC	522	81-11-04	381	7.3	24.5	--	26	--	--	120	--
CU- 661 10S 8W 8	301154093123801	11207LC	729	81-10-13	1000	7.3	26.5	--	220	--	--	590	--
CU- 664 10S 10W 13	301115093203601	11205LC	501	81-11-02	380	7.7	24.0	--	22	--	--	1400	--
CU- 683 10S 8W 8	301155093123801	11205LC	497	81-10-13	414	7.7	25.0	--	27	--	--	250	--
CU- 684 10S 8W 20	301036093124502	11205LC	548	81-10-13	431	7.8	25.0	--	30	--	--	230	--
CU- 686 10S 9W 18	301125093195801	11205LC	530	81-11-05	352	7.1	25.0	110	24	--	--	--	--
CU- 689 10S 9W 19	301059093190301	11205LC	531	81-10-28	1200	7.2	23.5	270	270	--	--	1000	--
CU- 690 10S 9W 18	301144093193901	11205LC	601	81-11-06	426	7.3	24.0	110	47	--	--	--	--
CU- 694 10S 9W 19	301044093195101	11205LC	556	81-10-28	1450	7.5	23.5	--	340	--	--	20	--
CU- 699 10S 9W 19	301027093191501	11205LC	530	81-10-28	465	7.4	24.0	--	37	--	--	20	--
		11205LC	530	82-06-03	472	7.3	24.0	140	36	--	--	80	--

1/See footnote at end of table.

<Actual value is known to be less than the value shown.

PARTIAL CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1981 TO SEPTEMBER 1982

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT 1/	DEPTH OF WELL, TOTAL (FEET)	DATE OF SAMPLE	SPE-CIFIC CON-DUCT-ANCE LAB (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	HARD-NESS (MG/L AS CACO3)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	BROMIDE DIS-SOLVED (MG/L AS BR)	IODIDE, DIS-SOLVED (MG/L AS I)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
CALCASIEU PARISH--Continued													
CU- 708 10S 8W 20	301036093124301	11205LC	549	81-10-13	796	7.8	25.0	--	150	--	--	340	--
CU- 718 9S 8W 31	301420093130701	11205LC	500	81-10-13	398	7.4	24.0	120	35	--	--	1400	500
CU- 725 9S 9W 33	301404093170501	11207LC	640	82-04-30	397	--	--	--	72	--	--	--	--
CU- 737 10S 9W 3	301315093165501	11207LC	700	82-05-07	668	--	--	--	120	--	--	--	--
CU- 754 9S 9W 33	301345093170501	11205LC	570	81-11-03	845	7.2	25.0	--	160	--	--	870	--
CU- 756 9S 9W 27	301452093163901	11205LC	530	82-02-01	2/ 430	7.0	22.5	100	48	--	--	1100	390
CU- 767 10S 8W 20	301036093124401	11207LC	850	82-09-23	2780	--	--	--	770	--	--	--	--
CU- 769 10S 9W 5	301336093183001	11207LC	642	82-04-29	896	--	--	--	160	--	--	--	--
CU- 784 10S 9W 9	301218093175803	11205LC	532	82-04-29	749	--	--	--	130	--	--	--	--
CU- 788 10S 11W 36	300825093260801	11207LC	805	82-04-16	2370	--	--	--	580	--	--	--	--
CU- 789 10S 9W 19	301100093200001	11207LC	640	81-10-27	1050	--	23.5	--	220	1.0	.09	20	--
		11207LC	640	82-04-14	2/ 1080	--	--	140	230	2.0	.03	--	--
		11207LC	640	82-09-21	980	--	--	--	230	--	--	--	--
CU- 827 10S 9W 18	301134093191101	11205LC	560	81-11-05	742	7.4	25.5	150	130	--	--	--	--
CU- 830 9S 9W 28	301508093171301	11205LC	498	82-02-01	344	6.9	22.5	100	32	--	--	1700	370
CU- 835 9S 9W 27	301437093163401	11205LC	520	82-02-01	433	6.9	22.0	96	53	--	--	1200	380
CU- 842 10S 9W 18	301148093193201	11205LC	575	82-04-27	1660	--	--	--	370	--	--	--	--
		11205LC	575	82-09-21	1710	--	--	--	420	--	--	--	--
CU- 843 10S 9W 18	301148093193202	11202LC	205	82-09-21	2/ 470	--	--	--	45	--	--	--	--
CU- 848 10S 10W 24	301043093201601	11205LC	542	82-04-30	1240	--	--	--	320	--	--	--	--
CU- 850 10S 9W 7	301200093191901	11205LC	548	82-04-28	1690	--	--	--	400	--	--	--	--
		11205LC	548	82-09-24	1620	--	--	--	390	--	--	--	--
CU- 851 10S 9W 7	301213093191701	11205LC	555	82-04-29	2/ 1830	--	--	--	480	--	--	--	--
		11205LC	555	82-09-23	1700	--	--	--	470	--	--	--	--
CU- 852 10S 9W 7	301153093192101	11205LC	560	82-04-28	1440	--	--	--	320	--	--	--	--
		11205LC	560	82-09-24	1290	--	--	--	310	--	--	--	--
CU- 861 10S 9W 5	301330093181701	11202LC	225	81-11-05	401	7.3	22.5	120	18	--	--	--	--
		11202LC	225	82-06-04	400	7.3	22.5	120	18	--	--	60	--

1/See footnote at end of table.
2/Field measurement.

PARTIAL CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1981 TO SEPTEMBER 1982

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT 1/	DEPTH OF WELL, TOTAL (FEET)	DATE OF SAMPLE	SPE-CIFIC CON-DUCT-ANCE LAB (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	HARD-NESS (MG/L AS CACO3)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	BROMIDE DIS-SOLVED (MG/L AS BR)	IODIDE, DIS-SOLVED (MG/L AS I)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
				CALCASIEU PARISH--Continued									
CU- 862 10S 9W 19	301048093193401	11205LC	550	82-06-03	757	7.4	24.0	170	130	.33	.04	50	--
CU- 863 10S 9W 18	301108093192301	11205LC	540	81-10-28	601	7.4	23.5	170	86	--	--	200	--
		11205LC	540	82-06-04	611	7.0	25.5	170	86	--	--	970	--
CU- 868 9S 9W 33	301340093174101	11205LC	520	81-11-03	484	7.4	25.0	--	57	--	--	40	--
CU- 869 9S 9W 33	301349093171501	11205LC	526	81-11-03	670	7.1	25.0	--	120	--	--	--	--
CU- 949 10S 9W 4	301334093175301	11205LC	504	81-11-06	549	7.3	23.5	42	75	--	--	--	--
		11205LC	504	82-06-04	824	7.1	26.5	72	160	.28	.04	850	--
CU- 951 10S 9W 4	301328093175701	11205LC	500	81-11-06	516	7.2	24.0	94	67	--	--	--	--
CU- 955 10S 9W 3	301335093165201	11205LC	459	81-11-03	393	7.1	25.0	--	26	--	--	--	--
CU- 957 10S 9W 18	301120093191002	11205LC	500	81-11-05	675	7.2	25.5	180	110	--	--	--	--
		11205LC	500	82-06-04	656	7.1	25.0	170	110	.26	.04	1000	--
CU- 970 11S 5W 18	300534092564401	11205LC	780	82-05-06	2730	--	--	--	750	--	--	--	--
CU- 971 11S 5W 18	300534092564402	112CHCT	500	82-05-06	1410	--	--	--	290	.57	.12	--	--
CU- 976 10S 9W 8	301129093183001	11205LC	550	82-04-29	1380	--	--	--	320	--	--	--	--
		11205LC	550	82-09-23	1000	--	--	--	260	--	--	--	--
CU- 987 9S 9W 33	301341093174801	11202LC	200	81-11-06	398	7.4	23.0	120	17	--	--	--	--
CU-1016 9S 9W 29	301456093182401	11205LC	425	81-10-29	372	7.1	24.0	--	37	--	--	--	--
CU-1040 9S 9W 33	301404093170507	11205LC	352	82-04-30	419	--	--	--	32	--	--	--	--
CU-1041 11S 9W 9	300702093165801	11205LC	560	82-04-13	434	--	--	120	27	.36	.02	--	--
CU-1046 9S 9W 7	301711093190402	11207LC	688	82-04-12	2/ 393	--	--	82	45	.52	.03	--	--
		11207LC	688	82-09-22	350	--	--	--	44	--	--	--	--
CU-1048 9S 9W 31	301410093193301	11207LC	705	82-04-12	2/ 431	--	--	44	47	.28	.02	--	--
		11207LC	705	82-09-16	430	--	--	--	48	--	--	--	--
CU-1056 9S 9W 35	301406093155202	11205LC	505	81-11-04	582	7.1	24.5	--	90	--	--	--	--
CU-1057 9S 9W 35	301405093153602	11205LC	510	81-11-04	399	7.0	24.5	--	43	--	--	--	--
CU-1059 10S 9W 4	301329093171402	11202LC	200	81-11-03	409	7.6	25.0	--	16	--	--	--	--
CU-1060 10S 9W 4	301339093173101	11202LC	200	81-11-03	380	7.4	24.0	--	17	--	--	20	--
												160	

1/See footnote at end of table.
2/Field measurement.

PARTIAL CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1981 TO SEPTEMBER 1982

LOCAL IDENT- I- FIER	STATION NUMBER	GEO- LOGIC UNIT 1/	DEPTH OF WELL, TOTAL (FEET)	DATE OF SAMPLE	SPE- CIFIC CON- DUCT- ANCE LAB (UMHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	HARD- NESS (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	BROMIDE DIS- SOLVED (MG/L AS BR)	IODIDE, DIS- SOLVED (MG/L AS I)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)
CAMERON PARISH													
CN- 80U 12S 3W 24	295846092381104	112CHCTU	453	82-05-12	1230	--	--	--	240	.36	.10	--	--
CN- 80L 12S 3W 24	295846092381105	112CHCTU	481	82-05-12	1250	--	--	--	250	.39	.10	--	--
CN- 81U 12S 3W 11	300125092382503	112CHCTU	448	82-05-11	1550	--	--	--	360	.45	.14	--	--
CN- 81L 12S 3W 11	300125092382504	112CHCTU	478	82-05-11	1800	--	--	--	420	--	--	--	--
CN- 82 14S 9W 31	294742093191502	112CHCTU	251	82-04-08	1800	7.6	23.5	150	370	3.5	.18	180	--
CN- 83 14S 9W 31	294756093192702	11205LC	277	82-04-08	2230	7.7	24.0	170	510	5.3	.19	110	--
CN- 84 14S 9W 32	294747093185002	112CHCTU	244	82-04-05	1580	7.7	24.0	140	320	4.3	.17	140	--
CN- 85 15S 9W 12	294715093182202	112CHCTU	300	82-04-05	1630	7.7	24.0	130	330	4.7	.24	90	--
CN- 86U 12S 12W 13	300120093320801	11205LC	535	82-05-03	1080	--	--	--	210	--	--	--	--
CN- 86L 12S 12W 13	300120093320802	11205LC	641	82-05-03	1830	--	--	--	440	--	--	--	--
CN- 90 13S 7W 4	295611093044801	112CHCTU	396	82-05-06	950	--	--	--	150	--	--	--	--
CN- 92 12S 7W 12	300104093015601	112CHCTU	443	82-05-06	1820	--	--	--	420	--	--	--	--
CN- 120 13S 8W	295721093115701	11205LC	764	82-04-13	1110	--	--	110	210	2.1	.08	--	--
CN- 121 12S 8W 18	300040093161801	112CHCTU	691	82-04-13	1130	--	--	150	230	1.5	.09	--	--
CN- 122 12S 10W 12	300140093202201	11205LC	920	82-05-04	1190	--	--	--	230	--	--	--	--
CN- 147 14S 9W 31	294813093191701	112CHCTU	260	82-04-08	1650	7.8	23.5	110	320	2.9	.14	190	--
CN- 148 15S 9W 7	294651093191301	112CHCTU	270	82-04-05	1790	7.9	24.0	140	390	2.9	.17	110	--
CN- 151 15S 9W 2	294712093195001	112CHCTU	280	82-04-05	1540	7.8	25.0	110	290	2.3	.15	130	--
EAST BATON ROUGE PARISH													
EB- 151 7S 1E 82	302641091085801	12223BR	2658	81-11-06	349	--	--	4	2.2	--	--	--	--
EB- 413 7S 1E 81	302642091083201	12115BR	1745	81-11-06	314	--	--	2	2.3	--	--	--	--
EB- 434 7S 1W 49	302619091104003	11206BR	611	81-10-27	536	--	--	34	81	--	--	--	--
EB- 500 7S 1W 46	302654091101101	11206BR	710	81-10-27	11000	--	--	1900	3900	--	--	--	--
EB- 569 7S 1W 65	302312091111701	12115BR	2170	81-11-09	1690	--	--	10	370	--	--	--	--
EB- 621 7S 1E 39	302500091052501	12112BR	1487	81-11-06	436	--	--	9	32	--	--	--	--
		12112BR	1487	82-05-11	437	--	--	9	34	--	--	--	--

1/See footnote at end of table.

PARTIAL CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1981 TO SEPTEMBER 1982

LOCAL IDENT- I- FIER	STATION NUMBER	GEO- LOGIC UNIT 1/	DEPTH OF WELL, TOTAL (FEET)	DATE OF SAMPLE	SPE- CIFIC CON- DUCT- ANCE LAB (UMHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	HARD- NESS (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	BROMIDE DIS- SOLVED (MG/L AS BR)	IODIDE, DIS- SOLVED (MG/L AS I)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)
						EAST BATON ROUGE PARISH--Continued							
EB- 733 7S 1E 81	302647091083301	12223BR	2637	81-11-06	334	--	--	3	1.9	--	--	--	--
EB- 750 6S 1W 75	303141091114801	12228BR	2643	81-11-06	685	--	--	4	45	--	--	--	--
EB- 771 7S 1E 81	302646091083801	12115BR	1739	81-11-06	309	--	--	2	3.0	--	--	--	--
EB- 778 7S 1E 94	302509091082701	12220BR	2586	81-10-23	977	--	--	4	160	--	--	--	--
EB- 780A 7S 1E 94	302509091082702	12112BR	1622	81-10-23	2820	--	--	110	830	--	--	--	--
EB- 780B 7S 1E 94	302509091082703	12115BR	1913	81-10-23	1660	--	--	8	360	--	--	--	--
EB- 781 7S 1E 94	302535091090401	12220BR	2286	81-10-22	6240	--	--	94	2000	--	--	--	--
EB- 782A 7S 1E 94	302535091090402	12110BR	1189	81-10-22	1790	--	--	20	460	--	--	--	--
EB- 782B 7S 1E 94	302535091090403	12115BR	1681	81-10-22	1910	--	--	70	520	--	--	--	--
		12115BR	1681	82-05-12	2200	--	--	85	640	--	--	--	--
EB- 783A 7S 1W 54	302502091113601	12115BR	2179	81-10-30	572	--	--	5	71	--	--	--	--
EB- 783B 7S 1W 54	302502091113602	12220BR	2675	81-10-30	3380	--	--	9	790	--	--	--	--
EB- 789A 7S 1E 93	302511091070401	11204BR	711	81-11-05	1160	--	--	29	270	--	--	--	--
EB- 789B 7S 1E 93	302511091070402	12115BR	1721	81-11-05	3540	--	--	130	1100	--	--	--	--
		12115BR	1721	82-05-13	3650	--	--	150	1100	--	--	--	--
EB- 792B 7S 1E 95	302605091080602	12220BR	2286	81-10-21	379	--	--	4	1.6	--	--	--	--
EB- 793 7S 1W 71	302719091103201	11206BR	687	81-10-28	319	--	--	3	2.6	--	--	--	--
		11206BR	687	82-05-14	324	--	--	3	3.2	--	--	--	--
EB- 794 7S 1W 52	302559091110801	12224BR	2709	81-10-30	494	--	--	41	13	--	--	--	--
		12224BR	2709	82-05-13	513	--	--	44	15	--	--	--	--
EB- 803A 8S 2E 5	302306091022601	12115BR	1975	81-10-20	797	--	--	4	77	--	--	--	--
EB- 803B 8S 2E 5	302306091022602	12220BR	2565	81-10-19	2050	--	--	25	510	--	--	--	--
EB- 804A 7S 1E 70	302428091035001	12117BR	1950	81-10-21	375	--	--	2	1.6	--	--	--	--
EB- 804B 7S 1E 70	302428091035002	12224BR	2762	81-10-21	416	--	--	3	2.4	--	--	--	--
EB- 805 7S 1E 70	302428091035003	12110BR	1072	81-10-21	15900	--	--	2100	5900	--	--	--	--
		12110BR	1072	82-05-13	16300	--	--	2100	6000	--	--	--	--
EB- 806B 7S 1W 72	302702091103902	12224BR	2579	81-10-28	354	--	--	5	1.6	--	--	--	--

1/See footnote at end of table.

PARTIAL CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1981 TO SEPTEMBER 1982

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT 1/	DEPTH OF WELL, TOTAL (FEET)	DATE OF SAMPLE	SPE-CIFIC CON-DUCT-ANCE LAB (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	HARD-NESS (MG/L AS CACO3)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	BROMIDE DIS-SOLVED (MG/L AS BR)	IODIDE, DIS-SOLVED (MG/L AS I)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
EAST BATON ROUGE PARISH--Continued													
EB- 807A 7S 1E 96	302611091091201	12115BH	1713	81-10-26	4500	--	--	120	1400	--	--	--	--
		12115BH	1713	82-05-12	5100	--	--	160	1600	--	--	--	--
EB- 807B 7S 1E 96	302611091091202	12220BR	2264	81-10-26	380	--	--	4	9.2	--	--	--	--
		12220BR	2264	82-05-12	389	--	--	5	9.4	--	--	--	--
EB- 815 7S 1E 52	302425091062301	11204BR	645	81-11-05	343	--	--	8	16	--	--	--	--
EB- 822 7S 1W 54	302510091105003	11204BR	573	81-10-28	2740	--	--	340	800	--	--	--	--
EB- 870 7S 1W 44	302729091100601	11206BR	692	81-10-28	283	--	--	16	2.0	--	--	--	--
		11206BR	692	82-05-14	289	--	--	16	2.8	--	--	--	--
EB- 917 7S 1E 95	302614091083001	12115BR	1736	81-10-29	298	--	--	1	2.2	--	--	--	--
		12115BR	1736	82-05-14	303	--	--	0	3.3	--	--	--	--
EB- 918 7S 1E 91	302547091074401	12115BR	1834	81-10-26	311	--	--	3	2.2	--	--	--	--
		12115BR	1834	82-05-13	317	--	--	4	3.4	--	--	--	--
EB-1000 6S 1W 69	303251091115001	12228BR	2926	81-10-29	807	--	--	4	98	--	--	--	--
EB-1028 7S 1W 53	302605091100901	12220BR	2238	81-11-05	621	--	--	6	79	--	--	--	--
		12220BR	2238	82-05-12	653	--	--	4	89	--	--	--	--
IBERIA PARISH													
I- 93 12S 7E 5	300035091443301	112CHCTU	585	82-05-13	1020	--	--	--	130	.27	.02	--	--
IBERVILLE PARISH													
IB- 231 9S 13E 3	301541091073101	112DDMRO	370	82-08-05	1000	--	21.0	96	96	--	--	--	--
IB- 232 9S 13E 3	301539091072801	112DDMRO	370	82-08-05	1970	--	21.0	94	380	--	--	--	--
ORLEANS PARISH													
OR- 131 13S 11E	295705090041603	112GZNO	750	82-04-29	1890	--	--	74	380	--	--	--	--
OR- 204 11S 12E 25	300331089571802	112GZNO	572	82-01-20	1050	8.0	24.0	12	130	--	--	--	--
ST. MARTIN PARISH													
SMN- 103 9S 6E 88	301308091521001	112ACFL	145	82-05-13	614	--	--	--	5.9	--	--	--	--
SMN- 108 9S 7E 36	301304091424001	112CHCTU	505	82-05-13	1790	--	--	--	320	.42	.40	--	--
SMN- 109 9S 7E 36	301304091424002	112CHCTU	375	82-05-13	1120	--	--	--	110	.21	.04	--	--

1/See footnote at end of table.

PARTIAL CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1981 TO SEPTEMBER 1982

LOCAL IDENT- I- FIER	STATION NUMBER	GEO- LOGIC UNIT 1/	DEPTH OF WELL, TOTAL (FEET)	DATE OF SAMPLE	SPE- CIFIC CON- DUCT- ANCE LAB (UMHOS)	PH (UNITS)	TEMPER- ATURE (DEG C)	HARD- NESS (MG/L AS CACO3)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	BROMIDE DIS- SOLVED (MG/L AS BR)	IODIDE, DIS- SOLVED (MG/L AS I)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)
ST. MARY PARISH													
SM- 57U 14S 8E 27	294749091402301	112CHCTU	638	82-05-13	1150	--	--	--	190	.31	.04	--	--
SM- 57L 14S 8E 27	294749091402302	112CHCTU	738	82-05-13	5460	--	--	--	1600	1.2	.33	--	--
VERMILION PARISH													
VE- 629U 14S 1F 23	294825092202004	112CHCTU	457	82-05-12	1040	--	--	--	160	.33	.09	--	--
VE- 629L 14S 1E 23	294825092202005	112CHCTU	487	82-05-12	1290	--	--	--	230	.28	.11	--	--
VE- 630U 14S 1E 10	295031092203202	112CHCTU	498	82-05-12	1060	--	--	--	130	--	--	--	--
VE- 630L 14S 1E 10	295031092203203	112CHCTU	528	82-05-12	1920	--	--	--	--	.57	.16	--	--
VE- 637U 13S 3E 15	295345092100702	112CHCTU	198	82-05-12	1120	--	--	--	180	.23	.09	--	--
VE- 637L 13S 3E 15	295345092100703	112CHCTU	243	82-05-12	2610	--	--	--	620	.72	.19	--	--
VE- 649 13S 3E 44	295516092082501	112CHCTU	350	82-05-12	1580	--	--	--	340	.51	.11	--	--
WEST BATON ROUGE PARISH													
WBR- 35 7S 12E 68	302657091124201	12112BR	1290	81-11-04	304	--	--	2	2.5	--	--	--	--
WBR- 37 7S 12E 69	302613091121501	12112BR	1356	81-11-03	788	--	--	11	130	--	--	--	--
		12112BR	1356	82-05-11	816	--	--	12	140	--	--	--	--
WBR- 97B 7S 12E 70	302546091131402	12115BR	2200	81-11-02	529	--	--	6	61	--	--	--	--
		12115BR	2200	82-05-11	508	--	--	5	55	--	--	--	--
WBR- 100A 7S 12E 68	302652091121401	12117BR	1888	81-11-02	318	--	--	4	2.5	--	--	--	--
WBR- 100B 7S 12E 68	302652091121402	12224BR	2448	81-11-02	356	--	--	3	1.5	--	--	--	--
WBR- 101 7S 12E 91	302726091145501	12112BR	1367	81-11-03	313	--	--	2	3.3	--	--	--	--
WBR- 106 7S 12E 93	302703091133703	12220BR	2017	81-11-03	420	--	--	2	2.1	--	--	--	--
WBR- 111 7S 12E 70	302550091124101	12220BR	2650	81-11-02	617	--	--	12	2.6	--	--	--	--
		12220BR	2650	82-05-11	621	--	--	12	4.4	--	--	--	--
WBR- 112 7S 12E 70	302550091124102	12115BR	2205	81-11-02	566	--	--	4	62	--	--	--	--
		12115BR	2205	82-05-11	562	--	--	4	63	--	--	--	--
WBR- 113 7S 12E 70	302547091123201	12115BR	2242	81-11-02	872	--	--	11	130	--	--	--	--
		12115BR	2242	82-05-11	886	--	--	12	130	--	--	--	--
WBR- 114 8S 12E 5	302421091134402	12115BR	2146	81-11-02	834	--	--	17	160	--	--	--	--
		12115BR	2146	82-05-11	686	--	--	10	120	--	--	--	--

1/See footnote at end of table.

PARTIAL CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1981 TO SEPTEMBER 1982

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT 1/	DEPTH OF WELL, TOTAL (FEET)	DATE OF SAMPLE	SPE-CIFIC CON-DUCT-ANCE LAB (UMHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	HARD-NESS (MG/L AS CACO3)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	BROMIDE DIS-SOLVED (MG/L AS BR)	IODIDE, DIS-SOLVED (MG/L AS I)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
WEST BATON ROUGE PARISH--Continued													
WBR- 132 7S 12E 74	302505091132001	12115BR	2082	81-11-09	316	--	--	2	2.4	--	--	--	--
WBR- 137 7S 12E 93	302657091142101	12112BR	1330	81-11-04	282	--	--	3	2.7	--	--	--	--
WBR- 147 7S 12E 70	302559091122001	12110BR	1292	81-11-06	2840	--	--	43	790	--	--	--	--
WBR- 148 7S 11E 23	302702091185101	12112BR	1304	81-10-30	340	--	--	2	2.1	--	--	--	--

1/Geologic unit (aquifer):

112ACFL-Atchafalaya aquifer, Pleistocene age.
112CHCT-Chicot aquifer, Pleistocene age.
112CHCTL-Chicot aquifer, lower sand unit, Pleistocene age.
112CHCTU-Chicot aquifer, upper sand unit, Pleistocene age.
112DDMRO-Deltaic deposits of Mississippi River valley, older, Pleistocene age.
112GZNO-Gonzales-New Orleans aquifer, Pleistocene age.
11202LC-"200-foot" sand of Lake Charles area, Pleistocene age.
11204BR-"400-foot" sand of Baton Rouge-Gonzales area, Pleistocene age.
11205LC-"500-foot" sand of Lake Charles area, Pleistocene age.
11206LC-"600-foot" sand of Baton Rouge-Gonzales area, Pleistocene age.
11207LC-"700-foot" sand of Lake Charles area, Pleistocene age.
11212NO-"1200-foot" sand of New Orleans area, Pleistocene age.
121PNCLL-Lower Ponchatoula aquifer, Pliocene age.
12110BR-"1000-foot" sand of Baton Rouge area, Pliocene age.
12112BR-"1200-foot" sand of Baton Rouge area, Pliocene age.
12115BR-"1500-foot" sand of Baton Rouge area, Pliocene age.
12117BR-"1700-foot" sand of Baton Rouge area, Pliocene age.
12220BR-"2000-foot" sand of Baton Rouge area, Miocene age.
12223BR-"2000-2400 foot" sand of Baton Rouge area, Miocene age.
12224BR-"2400-foot" sand of Baton Rouge area, Miocene age.
12228BR-"2800-foot" sand of Baton Rouge area, Miocene age.

MISCELLANEOUS CHEMICAL ANALYSES, OCTOBER 1981 TO SEPTEMBER 1982

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT 1/	DEPTH OF WELL, TOTAL (FEET)	DATE OF SAMPLE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS) 2/	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
ACADIA PARISH									
3/AC- 517 8S 2W 26	301946092325101	112CHCTU	249	82-04-16	1130	488	5.6	23.0	5
CALCASIEU PARISH									
CU- 79 9S 9W 35	301356093160201	11205LC	519	82-09-14	--	380	8.4	25.0	--
4/CU- 463B 10S 10W 13	301106093203202	11205LC	516	82-06-02	1050	--	7.1	26.0	--
CU- 464 10S 10W 13	301129093202001	11205LC	530	82-06-02	1015	--	7.0	24.5	--
CU- 560 10S 9W 19	301035093193601	11205LC	563	82-06-03	1250	--	7.3	23.5	--
CU- 619 10S 9W 19	301035093191101	11205LC	586	82-06-03	1315	--	7.6	23.5	--
3/CU- 622 9S 9W 35	301355093152301	11202LC	219	81-11-05	--	440	6.9	25.0	10
CU- 664 10S 10W 13	301115093203601	11205LC	501	82-06-02	0945	--	7.5	25.0	--
CU- 692 10S 10W 13	301112093201601	11205LC	560	82-06-02	1135	--	7.0	25.0	--
CU- 767 10S 8W 20	301036093124401	11207LC	850	82-04-15	--	--	--	--	--
CU- 778 10S 9W 19	301046093191202	11205LC	525	82-06-03	1415	--	7.1	24.0	--
CU- 786U 11S 8W 6	300820093131903	11207LC	840	82-04-15	--	--	--	--	--
CU- 786L 11S 8W 6	300820093131904	11207LC	880	82-04-15	--	--	--	--	--
CU- 787 11S 10W 36	300351093210201	11205LC	734	82-04-14	--	--	--	--	--
CU- 827 10S 9W 18	301134093191101	11205LC	560	82-06-04	1055	--	7.0	25.5	--
CU- 842 10S 9W 18	301148093193201	11205LC	575	81-10-27	1300	--	--	22.5	--
CU- 848 10S 10W 24	301043093201601	11205LC	542	81-10-28	1150	--	--	23.0	--
CU- 850 10S 9W 7	301200093191901	11205LC	548	81-10-27	1030	--	--	22.5	--
CU- 851 10S 9W 7	301213093191701	11205LC	555	81-10-28	1330	--	--	24.0	--
CU- 852 10S 9W 7	301153093192101	11205LC	560	81-10-29	1015	--	--	24.0	--
CU- 857 10S 9W 14	301122093195401	11205LC	550	82-06-10	--	--	6.8	--	--
CU- 976 10S 9W 8	301129093183001	11205LC	550	81-10-29	1145	--	--	24.0	--
CU-1023 10S 9W 3	301331093164701	11207LC	701	81-11-03	1020	--	7.1	25.0	--
CU-1056 9S 9W 35	301406093155202	11205LC	505	82-09-14	--	570	7.8	28.0	--
CU-1057 9S 9W 35	301405093153602	11205LC	510	82-09-14	--	380	7.9	25.0	--
CU-1096 9S 9W 23	301607093153101	11205LC	490	81-11-02	1340	--	6.9	23.0	20
CU-1100 10S 9W 7	301225093194501	11202LC	250	82-06-07	1030	--	7.4	28.0	--
CU-1109 9S 9W 35	301356093160101	11205LC	500	82-09-14	--	360	8.5	27.0	--
CAMERON PARISH									
CN- 93 15S 9W 16	294709093174301	112CHCTU	360	82-04-08	1415	--	--	--	--
3/CN- 159 12S 10W 27	295912093220401	11202LC	555	81-11-05	--	1280	7.5	25.0	5
EAST BATON ROUGE PARISH									
EB- 904 6S 2E 9	303234091011401	12224BR	1876	82-06-02	0800	--	7.3	--	0
EB-1032 6S 2E 44	303034091002301	12224BR	2334	82-02-05	1200	--	7.7	--	0
EB-1033 6S 2E 9	303233091011301	12224BR	2138	82-06-02	0730	--	7.8	--	0
IBERIA PARISH									
3/ I- 78 12S 6E 44	300033091491601	112CHCTU	310	82-05-13	1500	830	7.1	22.5	5

1/See footnote at end of previous table.
2/Field measurements.
3/See following table for minor elements.
4/Carbon, organic total, 0.1 mg/L.

LOCAL IDENT-I-FIER	DATE OF SAMPLE	HARD-NESS (MG/L AS CACO3)	HARD-NESS, NONCAR-BONATE (MG/L CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
				ACADIA PARISH--Continued						
AC- 517 8S 2W 26	82-04-16	170	0	48	11	46	1.5	179	3.0	49
				CALCASIEU PARISH--Continued						
CU- 79 9S 9W 35	82-09-14	110	--	34	6.6	40	--	--	3.4	38
CU- 463B 10S 10W 13	82-06-02	--	--	--	--	--	--	--	1.0	--
CU- 464 10S 10W 13	82-06-02	100	--	--	--	--	--	--	1.4	23
CU- 560 10S 9W 19	82-06-03	160	--	--	--	--	--	--	.4	77
CU- 619 10S 9W 19	82-06-03	130	--	--	--	--	--	--	.2	20
CU- 622 9S 9W 35	81-11-05	140	--	39	9.9	36	1.8	152	2.8	44
CU- 664 10S 10W 13	82-06-02	120	--	--	--	--	--	--	.4	22
CU- 692 10S 10W 13	82-06-02	120	--	--	--	--	--	--	.4	23
CU- 767 10S 8W 20	82-04-15	550	--	--	--	--	--	--	.2	770
CU- 778 10S 9W 19	82-06-03	220	--	--	--	--	--	--	.2	180
CU- 786U 11S 8W 6	82-04-15	150	--	--	--	--	--	--	<.2	170
CU- 786L 11S 8W 6	82-04-15	140	--	--	--	--	--	--	<.2	340
CU- 787 11S 10W 36	82-04-14	94	--	--	--	--	--	--	<.2	42
CU- 827 10S 9W 18	82-06-04	170	--	--	--	--	--	--	.4	170
CU- 842 10S 9W 18	81-10-27	160	--	45	11	--	--	--	--	400
CU- 848 10S 10W 24	81-10-28	290	--	83	21	--	--	--	--	300
CU- 850 10S 9W 7	81-10-27	210	--	57	17	--	--	--	--	430
CU- 851 10S 9W 7	81-10-28	150	--	38	13	--	--	--	--	440
CU- 852 10S 9W 7	81-10-29	160	--	47	11	--	--	--	--	340
CU- 857 10S 9W 18	82-06-10	110	--	33	6.9	35	--	--	.2	27
CU- 976 10S 9W 8	81-10-29	230	--	66	15	--	--	--	--	340
CU-1023 10S 9W 3	81-11-03	110	--	35	6.0	--	--	--	--	150
CU-1056 9S 9W 35	82-09-14	110	--	30	9.5	73	--	--	1.0	79
CU-1057 9S 9W 35	82-09-14	110	--	30	8.8	42	--	--	2.6	43
CU-1096 9S 9W 23	81-11-02	82	0	22	6.6	29	2.5	--	3.4	26
CU-1100 10S 9W 7	82-06-07	110	--	--	--	--	--	--	5.0	19
CU-1109 9S 9W 35	82-09-14	120	--	34	9.0	38	--	--	3.6	34
				CAMERON PARISH--Continued						
CN- 93 15S 9W 16	82-04-08	120	--	24	13	--	--	--	--	270
CN- 159 12S 10W 27	81-11-05	89	--	25	6.2	260	1.5	235	4.3	280
				EAST BATON ROUGE PARISH--Continued						
EB- 904 6S 2E 9	82-06-02	14	0	5.3	.2	45	1.2	--	6.6	4.0
EB-1032 6S 2E 44	82-02-05	16	0	5.4	.4	50	1.3	--	7.2	4.0
EB-1033 6S 2E 9	82-06-02	18	0	6.4	.5	48	1.0	--	7.6	3.0
				IBERIA PARISH--Continued						
I- 78 12S 6E 44	82-05-13	380	--	100	31	35	3.3	--	<1.0	28

<Actual value is known to be less than the value shown.

LOCAL IDENT-I-FIER	DATE OF SAMPLE	FLUORIDE, DIS-SOLVED (MG/L AS F)	BROMIDE DIS-SOLVED (MG/L AS BR)	IODIDE, DIS-SOLVED (MG/L AS I)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NITRATE TOTAL (MG/L AS NO3)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
ACADIA PARISH--Continued										
AC- 517 8S 2W 26	82-04-16	.2	.30	.03	48	300	314	1.4	10	120
CALCASIEU PARISH--Continued										
CU- 79 9S 9W 35	82-09-14	--	--	--	--	--	--	--	1200	480
CU- 463B 10S 10W 13	82-06-02	.2	--	--	--	--	--	--	--	--
CU- 464 10S 10W 13	82-06-02	.2	--	--	--	--	--	--	1400	--
CU- 560 10S 9W 19	82-06-03	--	--	--	--	--	--	--	50	--
CU- 619 10S 9W 19	82-06-03	--	--	--	--	--	--	--	10	--
CU- 622 9S 9W 35	81-11-05	.2	.20	.03	48	268	273	--	1300	440
CU- 664 10S 10W 13	82-06-02	.2	--	--	--	--	--	--	80	--
CU- 692 10S 10W 13	82-06-02	.2	--	--	--	--	--	--	800	--
CU- 767 10S 8W 20	82-04-15	--	.94	.17	--	--	--	--	--	--
CU- 778 10S 9W 19	82-06-03	--	.36	.08	--	--	--	--	--	--
CU- 786U 11S 8W 6	82-04-15	--	.23	.04	--	--	--	--	--	--
CU- 786L 11S 8W 6	82-04-15	--	.49	.06	--	--	--	--	--	--
CU- 787 11S 10W 36	82-04-16	--	<.10	.02	--	--	--	--	--	--
CU- 827 10S 9W 18	82-06-04	--	.27	.08	--	--	--	--	1100	--
CU- 842 10S 9W 18	81-10-27	--	2.5	.12	--	--	--	--	--	--
CU- 848 10S 10W 24	81-10-28	--	1.7	.10	--	--	--	--	--	--
CU- 850 10S 9W 7	81-10-27	--	2.2	.14	--	--	--	--	--	--
CU- 851 10S 9W 7	81-10-28	--	3.0	.13	--	--	--	--	--	--
CU- 852 10S 9W 7	81-10-29	--	2.2	.120	--	--	--	--	--	--
CU- 857 10S 9W 18	82-06-10	.2	--	--	--	--	--	--	1200	360
CU- 976 10S 9W 8	81-10-29	--	1.9	.12	--	--	--	--	--	--
CU-1023 10S 9W 3	81-11-03	--	.70	.05	--	--	--	--	560	--
CU-1056 9S 9W 35	82-09-14	--	--	--	--	--	--	--	1400	490
CU-1057 9S 9W 35	82-09-14	--	--	--	--	--	--	--	1200	480
CU-1096 9S 9W 23	81-11-02	.1	--	--	51	210	205	.61	2500	340
CU-1100 10S 9W 7	82-06-07	.2	--	--	--	--	--	--	40	--
CU-1109 9S 9W 35	82-09-14	--	--	--	--	--	--	--	80	420
CAMERON PARISH--Continued										
CN- 93 15S 9W 16	82-04-08	--	2.3	.13	--	--	--	--	--	--
CN- 159 12S 10W 27	81-11-05	.3	.70	.07	32	711	750	--	120	91
EAST BATON ROUGE PARISH--Continued										
EB- 904 6S 2E 9	82-06-02	.2	--	--	51	184	175	.51	180	150
EB-1032 6S 2E 44	82-02-05	.3	--	--	45	184	181	.51	100	75
EB-1033 6S 2E 9	82-06-02	.2	--	--	59	184	181	.48	130	93
IBERIA PARISH--Continued										
I- 78 12S 6E 44	82-05-13	.2	<.10	<.01	39	489	--	--	3100	180

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT 1/	DEPTH OF WELL, TOTAL (FEET)	DATE OF SAMPLE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS) 2/	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
IBERVILLE PARISH									
IB- 266 9S 13E 1	301517091070601	112DDHWD	350	82-08-05	1015	--	7.3	21.0	40
JEFFERSON PARISH									
3/JF- 31 12S 9E 37	295908090152801	112GZNO	720	82-04-29	1000	--	7.9	25.0	--
JF- 166 14S 24E 44	295355090044201	1121ZNO	1302	81-12-17	1100	--	6.9	25.0	0
JF- 167 14S 24E 44	295355090044202	112GZNO	725	81-12-17	1300	--	8.2	24.0	30
JEFFERSON DAVIS PARISH									
JD- 406 6S 3W 34	302852092415001	112CHCT	450	81-11-04	--	--	6.4	22.5	50
3/JD- 544 6S 3W 34	302853092415003	112CHCT	449	81-11-04	--	302	6.4	22.0	5
LAFAYETTE PARISH									
3/LF- 585 9S 4E 26	301358092010201	112CHCT	580	82-04-17	1440	362	6.0	21.5	0
3/LF- 617 10S 5E 29	300847091573904	112CHCTL	930	82-05-14	1630	--	6.6	24.0	5
ORLEANS PARISH									
3/OR- 67 12S 11E	295737090051201	112GZNO	811	82-04-29	1500	--	7.9	26.5	--
3/OR- 125 12S 13E 42	300024089561701	112GZNO	632	82-04-29	1400	--	7.9	25.0	--
3/OR- 195 12S 12E 39	300054090012601	112GZNO	658	82-04-29	1300	--	7.8	24.5	--
ST. TAMMANY PARISH									
ST- 776 8S 14E 32	301838089485002	121PNCLL	897	82-09-24	0910	626	8.7	--	20
VERMILION PARISH									
3/VE- 722 12S 3E 47	295855092072501	112CHCTU	246	81-11-03	--	697	6.8	22.0	5

1/See footnote at end of previous table.
2/Field measurements.
3/See following table for minor elements.

LOCAL IDENT- I- FIER	DATE OF SAMPLE	HARD- NESS (MG/L AS CACO3)	HARD- NESS, NONCAR- BONATE (MG/L CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
IBERVILLE PARISH--Continued										
IB- 266 9S 13E 1	82-08-05	28	0	6.9	2.6	230	1.7	--	2.6	110
JEFFERSON PARISH--Continued										
JF- 31 12S 9E 37	82-04-29	62	--	16	5.2	370	2.4	--	5.0	500
JF- 166 14S 24E 44	81-12-17	4700	4500	1000	520	9700	80	--	32	19000
JF- 167 14S 24E 44	81-12-17	83	0	17	9.8	590	14	--	.4	680
JEFFERSON DAVIS PARISH--Continued										
JD- 406 6S 3W 34	81-11-04	57	0	12	6.6	37	1.9	--	2.6	33
JD- 544 6S 3W 34	81-11-04	68	--	17	6.1	34	1.3	103	2.4	32
LAFAYETTE PARISH--Continued										
LF- 585 9S 4E 26	82-06-17	180	0	54	12	11	.8	196	3.0	3.6
LF- 617 10S 5E 28	82-05-14	90	--	22	8.3	180	1.8	--	11	110
ORLEANS PARISH--Continued										
OR- 67 12S 11E	82-04-29	14	--	3.6	1.3	200	2.3	--	4.0	72
OR- 125 12S 13E 42	82-04-29	51	--	12	4.9	530	3.8	--	6.0	600
OR- 195 12S 12E 38	82-04-29	19	--	4.7	1.8	210	3.0	--	4.0	91
ST. TAMMANY PARISH--Continued										
ST- 776 8S 14E 32	82-09-24	1	0	.3	.1	150	1.0	--	12	32
VERMILION PARISH--Continued										
VE- 722 12S 3E 47	81-11-03	160	--	45	12	87	1.3	271	<.1	60

LOCAL IDENT-I-FIER	DATE OF SAMPLE	FLUORIDE, DIS-SOLVED (MG/L AS F)	BROMIDE DIS-SOLVED (MG/L AS BR)	IODIDE, DIS-SOLVED (MG/L AS I)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NITRATE TOTAL (MG/L AS NO3)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
				IBERVILLE PARISH--Continued						
IB- 266 9S 13E 1	82-08-05	1.1	--	--	27	624	602	.52	110	33
				JEFFERSON PARISH--Continued						
JF- 31 12S 9E 37	82-04-29	.4	.98	--	27	--	1050	--	150	83
JF- 166 14S 24E 44	81-12-17	.5	--	--	21	33300	30400	1.9	3200	2000
JF- 167 14S 24E 44	81-12-17	.7	--	--	25	1510	1540	.71	190	72
				JEFFERSON DAVIS PARISH--Continued						
JD- 406 6S 3W 34	81-11-04	.1	--	--	50	214	198	1.5	5400	380
JD- 544 6S 3W 34	81-11-04	.2	.20	.03	58	240	213	--	6900	460
				LAFAYETTE PARISH--Continued						
LF- 585 9S 4E 26	82-04-17	.2	<.10	<.01	44	232	247	.84	760	120
LF- 617 10S 5E 24	82-05-14	.3	.34	.05	31	540	549	--	20	10
				ORLEANS PARISH--Continued						
OR- 67 12S 11E	82-04-29	.9	1.0	--	26	--	530	--	110	17
OR- 125 12S 13E 42	82-04-29	1.2	1.1	--	27	--	1400	--	100	43
OR- 195 12S 12E 38	82-04-29	1.3	.68	--	25	--	564	--	130	18
				ST. TAMMANY PARISH--Continued						
ST- 776 8S 14E 32	82-09-26	.6	--	--	20	380	380	.35	80	23
				VERMILION PARISH--Continued						
VE- 722 12S 3E 47	81-11-03	.3	.20	.03	36	406	405	--	1700	210

QUALITY OF GROUND WATER

MINOR ELEMENTS, OCTOBER 1981 TO SEPTEMBER 1982

LOCAL IDENT-I-FIER		STATION NUMBER	DATE OF SAMPLE	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	BORON, DIS-SOLVED (UG/L AS B)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)
				ACADIA PARISH						
AC- 517	8S 2W 26	301946092325101	82-04-16	--	1	260	<0.5	40	<1	10
				CALCASIEU PARISH						
CU- 622	9S 9W 35	301355093152301	81-11-05	--	1	280	<1	<10	<1	<10
				CAMERON PARISH						
CN- 159	12S 10W 27	295912093220401	81-11-05	--	1	280	1	100	1	10
				IBERIA PARISH						
I- 78	12S 6E 44	300033091491601	82-05-13	<.06	19	350	<1	160	<1	<10
				JEFFERSON PARISH						
JF- 31	12S 9E 37	295908090152801	82-04-29	--	1	430	<0.5	270	2	--
				JEFFERSON DAVIS PARISH						
JD- 544	6S 3W 34	302853092415003	81-11-04	--	1	140	<1	<10	<1	10
				LAFAYETTE PARISH						
LF- 585	9S 4E 26	301358092010201	82-04-17	.11	1	210	<0.5	<20	<1	10
LF- 617	10S 5E 28	300847091573904	82-05-14	.15	1	320	<0.5	40	1	<10
				ORLEANS PARISH						
OR- 67	12S 11E	295737090051201	82-04-29	--	1	87	<0.5	430	<1	--
OR- 125	12S 13E 42	300024089561701	82-04-29	--	1	320	<0.5	740	4	--
OR- 195	12S 12E 38	300054090012601	82-04-29	--	1	100	<0.5	600	<1	--
				VERMILION PARISH						
VE- 722	12S 3E 47	295855092072501	81-11-03	--	6	170	<1	20	3	<10

LOCAL IDENT-I-FIER		DATE OF SAMPLE	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)
					ACADIA PARISH--Continued						
AC- 517	8S 2W 26	82-04-16	<3	<10	<10	18	<.1	<10	--	<1	190
					CALCASIEU PARISH--Continued						
CU- 622	9S 9W 35	81-11-05	9	<10	<10	23	<.1	<10	--	<1	320
					CAMERON PARISH--Continued						
CN- 159	12S 10W 27	81-11-05	3	10	10	29	<.1	10	--	<1	370
					IBERIA PARISH--Continued						
I- 78	12S 6E 44	82-05-13	4	<10	<10	15	.1	<10	2	<1	330
					JEFFERSON PARISH--Continued						
JF- 31	12S 9E 37	82-04-29	<3	<10	<10	36	--	<10	--	<1	270
					JEFFERSON DAVIS PARISH--Continued						
JD- 544	6S 3W 34	81-11-04	48	<10	<10	13	<.1	<10	--	<1	140
					LAFAYETTE PARISH--Continued						
LF- 585	9S 4E 26	82-04-17	<3	<10	<10	14	<.1	<10	1	<1	130
LF- 617	10S 5E 28	82-05-14	<3	<10	<10	26	<.1	<10	7	<1	350
					ORLEANS PARISH--Continued						
OR- 67	12S 11E	82-04-29	<3	<10	<10	<4	--	<10	--	<1	50
OR- 125	12S 13E 42	82-04-29	<3	<10	<10	47	--	<10	--	<1	210
OR- 195	12S 12E 38	82-04-29	<3	<10	<10	9	--	<10	--	<1	56
					VERMILION PARISH--Continued						
VE- 722	12S 3E 47	81-11-03	27	<10	30	14	<.1	<10	--	<1	160

LOCAL IDENT-I-FIER				DATE OF SAMPLE	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C)
ACADIA PARISH--Continued									
AC- 517	8S	2W	26	82-04-16	<6.0	35	2.1	--	--
CALCASIEU PARISH--Continued									
CU- 622	9S	9W	35	81-11-05	<6.0	8	.2	--	--
CAMERON PARISH--Continued									
CN- 159	12S	10W	27	81-11-05	6.0	7	.2	--	--
IBERIA PARISH--Continued									
I- 78	12S	6E	44	82-05-13	<6.0	4	2.3	--	--
JEFFERSON PARISH--Continued									
JF- 31	12S	9E	37	82-04-29	--	4	--	2.0	.6
JEFFERSON DAVIS PARISH--Continued									
JD- 544	6S	3W	34	81-11-04	<6.0	<4	<.1	--	--
LAFAYETTE PARISH--Continued									
LF- 585	9S	4E	26	82-04-17	<6.0	17	.4	--	--
LF- 617	10S	5E	28	82-05-14	<6.0	6	.5	--	--
ORLEANS PARISH--Continued									
OR- 57	12S	11E		82-04-29	7.0	7	--	8.6	1.2
OR- 125	12S	13E	42	82-04-29	<6.0	11	--	5.0	1.2
OR- 195	12S	12E	38	82-04-29	<6.0	17	--	7.3	4.4
VERMILION PARISH--Continued									
VE- 722	12S	3E	47	81-11-03	<6.0	<4	.5	--	--

<Actual value is known to be less than the value shown.

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- WESTLAKE, CALCASIEU RIVER AT 262-264
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- WSP, DEFINITION OF 9

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October 1, 1978

FACTORS FOR CONVERTING INCH-POUND UNITS TO INTERNATIONAL SYSTEM UNITS (SI)

The following factors may be used to convert the inch-pound units published herein to the International System of Units (SI). This report contains both the inch-pound and SI unit equivalents in the station manuscript descriptions.

Multiply inch-pound units	By	To obtain SI units
	Length	
inches (in)	2.54×10^{1}	millimeters (mm)
	2.54×10^{-2}	meters (m)
feet (ft)	3.048×10^{-1}	meters (m)
miles (mi)	1.609×10^{0}	kilometers (km)
	Area	
acres	4.047×10^{3}	square meters (m^{2})
	4.047×10^{-1}	square hectometers (hm^{2})
	4.047×10^{-3}	square kilometers (km^{2})
square miles (mi^{2})	2.590×10^{0}	square kilometers (km^{2})
	Volume	
gallons (gal)	3.785×10^{0}	liters (L)
	3.785×10^{0}	cubic decimeters (dm^{3})
	3.785×10^{-3}	cubic meters (m^{3})
million gallons	3.785×10^{3}	cubic meters (m^{3})
	3.785×10^{-3}	cubic hectometers (hm^{3})
cubic feet (ft^{3})	2.832×10^{1}	cubic decimeters (dm^{3})
	2.832×10^{-2}	cubic meters (m^{3})
cfs-days	2.447×10^{3}	cubic meters (m^{3})
	2.447×10^{-3}	cubic hectometers (hm^{3})
acre-feet (acre-ft)	1.233×10^{3}	cubic meters (m^{3})
	1.233×10^{-3}	cubic hectometers (hm^{3})
	1.233×10^{-6}	cubic kilometers (km^{3})
	Flow	
cubic feet per second (ft^{3}/s)	2.832×10^{1}	liters per second (L/s)
	2.832×10^{1}	cubic decimeters per second (dm^{3}/s)
	2.832×10^{-2}	cubic meters per second (m^{3}/s)
gallons per minute (gal/min)	6.309×10^{-2}	liters per second (L/s)
	6.309×10^{-2}	cubic decimeters per second (dm^{3}/s)
	6.309×10^{-5}	cubic meters per second (m^{3}/s)
million gallons per day	4.381×10^{1}	cubic decimeters per second (dm^{3}/s)
	4.381×10^{-2}	cubic meters per second (m^{3}/s)
	Mass	
tons (short)	9.072×10^{-1}	megagrams (Mg) or metric tons